



AIP

# report

MANPOWER STATISTICS DIVISION

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## DATA ON PHYSICS ENROLLMENTS AND DEGREES a SUPPLEMENT

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### SUPPLEMENT

The detailed data from the annual Survey of Enrollments and Degrees are presented in this supplement. The 1982-1983 physics degrees and the 1983-84 physics enrollments are listed for each physics degree-granting college or university in the United States. Institutions are listed alphabetically by state. The data shown for each institution consist of undergraduate physics majors, full-time and part-time graduate students, first-year graduate students included in that total, and physics degrees granted at all levels. All freshman and sophomore enrollments are estimated by the department chairmen. Numbers shown in brackets are estimates based on data supplied by that institution in an earlier year.

\* Institution grants master's degree as its highest physics degree.

\*\* Institution grants doctorate as its highest physics degree.

1 No undergraduate degree program in physics

#### MEMBER SOCIETIES

AMERICAN PHYSICAL SOCIETY • OPTICAL SOCIETY OF AMERICA • ACOUSTICAL SOCIETY OF AMERICA • SOCIETY OF RHEOLOGY • AMERICAN ASSOCIATION OF PHYSICS TEACHERS • AMERICAN CRYSTALLOGRAPHIC ASSOCIATION • AMERICAN ASTRONOMICAL SOCIETY • AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE • AMERICAN VACUUM SOCIETY

1983-84  
PHYSICS ENROLLMENTS

1982-83  
PHYSICS DEGREES

| Institution               | Fresh-<br>men | Sopho-<br>mores | Undergraduate |        | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS  | TMS | PhD |
|---------------------------|---------------|-----------------|---------------|--------|--------------------------------------------|------------|-------|-----|-----|-----|
|                           |               |                 | physics       | majors |                                            |            |       |     |     |     |
| <u>ALABAMA</u>            |               |                 |               |        |                                            |            |       |     |     |     |
| *AL A & M U.              | (8)           | (4)             | (10)          | (6)    | (15)                                       | (8)        | (4)   | (-) | (2) |     |
| AL State U.               | 3             | 3               | 3             | 1      |                                            |            | 0     |     |     |     |
| **AL-U. of-Birmingham     | 3             | 2               | 2             | 2      | 18                                         | 5          | 3     | 0   | 0   | 2   |
| **AL-U. of-Huntsville     | 7             | 6               | 13            | 9      | 44                                         | 9          | 5     | 1   | 0   | 2   |
| **AL-U. of-University     | 6             | 6               | 6             | 5      | 15                                         | 2          | 3     | 1   | 0   | 2   |
| **Auburn U.               | 15            | 8               | 6             | 13     | 27                                         | 16         | 11    | 1   | 2   | 1   |
| Birmingham-Southern Col.  | 3             | 2               | 2             | 1      |                                            |            | 5     |     |     |     |
| Jacksonville State U.     | 2             | 2               | 1             | 0      |                                            |            | 2     |     |     |     |
| North AL-U. of            | 2             | 3               | 3             | 2      |                                            |            | 7     |     |     |     |
| Samford U.                | 0             | 1               | 0             | 1      |                                            |            | 2     |     |     |     |
| South AL-U. of            | 5             | 5               | 3             | 1      |                                            |            | 0     |     |     |     |
| Stillman Col.             | 0             | 4               | 4             | 4      |                                            |            | 2     |     |     |     |
| Talladega Col.            | 15            | 15              | 4             | 1      |                                            |            | 1     |     |     |     |
| Tuskegee Institute        | 2             | 4               | 6             | 4      |                                            |            | 7     |     |     |     |
| <u>ALASKA</u>             |               |                 |               |        |                                            |            |       |     |     |     |
| ** AK-U. of               | 6             | 4               | 6             | 3      | 20                                         | 4          | 1     | 3   | 4   | 0   |
| <u>ARIZONA</u>            |               |                 |               |        |                                            |            |       |     |     |     |
| **AZ State U.             | 10            | 21              | 20            | 37     | 59                                         | 20         | 12    | 1   | 3   | 3   |
| **AZ-U. of                | 17            | 18              | 20            | 33     | 88                                         | 29         | 16    | 11  | 3   | 5   |
| Northern AZ U.            | 10            | 10              | 8             | 6      |                                            |            | 5     |     |     |     |
| <u>ARKANSAS</u>           |               |                 |               |        |                                            |            |       |     |     |     |
| AR State U.               | 4             | 4               | 2             | 4      |                                            |            | 6     |     |     |     |
| **AR-U. of-Fayetteville   | 6             | 4               | 1             | 10     | 29                                         | 4          | 10    | 2   | 2   | 1   |
| AR-U. of-Little Rock      | 10            | 12              | 12            | 10     |                                            |            | 2     |     |     |     |
| AR-U. of-Monticello       | 2             | 1               | 1             | 2      |                                            |            | 2     |     |     |     |
| AR-U. of-Pine Bluff       | 5             | 4               | 4             | 2      |                                            |            | 4     |     |     |     |
| Central AR-U. of          | 4             | 12              | 5             | 5      |                                            |            | 5     |     |     |     |
| Harding U.                | 3             | 2               | 0             | 0      |                                            |            | 0     |     |     |     |
| Henderson State U.        | 5             | 6               | 5             | 3      |                                            |            | 3     |     |     |     |
| Hendrix Col.              | 12            | 8               | 5             | 2      |                                            |            | 2     |     |     |     |
| Ouachita Baptist U.       | 2             | 3               | 2             | 3      |                                            |            | 6     |     |     |     |
| Southern AR U.            | 10            | 5               | 2             | 2      |                                            |            | 1     |     |     |     |
| <u>CALIFORNIA</u>         |               |                 |               |        |                                            |            |       |     |     |     |
| **CA Institute of Tech.   | (50)          | 47              | 43            | 43     | 131                                        | 35         | 27    | 10  | -   | 23  |
| CA Polytechnic State U.   | 24            | 14              | 24            | 25     |                                            |            | 10    |     |     |     |
| CA State Col.-Bakersfield | 5             | 5               | 6             | 1      |                                            |            | 2     |     |     |     |
| CA State Col.-San Bern.   | 5             | 5               | 6             | 5      |                                            |            | 3     |     |     |     |
| CA State Col.-Stanislaus  | 6             | 5               | 6             | 8      |                                            |            | 3     |     |     |     |
| CA State Poly U.-Pomona   | 30            | 20              | 37            | 22     |                                            |            | 6     |     |     |     |

1983-84  
 PHYSICS ENROLLMENTS

 1982-83  
 PHYSICS DEGREES

| Institution                                   | Undergraduate |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS | TMS | PhD |
|-----------------------------------------------|---------------|-----------------|------|------|--------------------------------------------|------------|-------|----|-----|-----|
|                                               | Fresh-<br>men | Sopho-<br>mores | Jr's | Sr's |                                            |            |       |    |     |     |
| CALIFORNIA (cont'd)                           |               |                 |      |      |                                            |            |       |    |     |     |
| CA State U.-Chico                             | 3             | 4               | 4    | 6    |                                            |            | 4     |    |     |     |
| CA State U.-Dom. Hills                        | (8)           | (8)             | (6)  | (4)  |                                            |            | (4)   |    |     |     |
| *CA State U.-Fresno                           | 19            | 9               | 10   | 13   | 9                                          | 3          | 5     | 1  | -   |     |
| CA State U.-Fullerton                         | 12            | 9               | 14   | 30   |                                            |            | 22    |    |     |     |
| CA State U.-Hayward                           | 14            | 7               | 11   | 13   |                                            |            | 13    |    |     |     |
| *CA State U.-Long Beach                       | 18            | 16              | 18   | 16   | 25                                         | 11         | 12    | -  | 6   |     |
| *CA State U.-Los Angeles                      | 4             | 3               | 6    | 7    | 9                                          | 2          | 1     | 3  | -   |     |
| *CA State U.-Northridge                       | 28            | 32              | 57   | 55   | 26                                         | 8          | 13    | -  | 6   |     |
| CA State U.-Sacramento                        | 12            | 8               | 13   | 14   |                                            |            | 3     |    |     |     |
| **CA-U. of Berkeley                           | 80            | 80              | 62   | 79   | 248                                        | 39         | 90    | 23 | -   | 36  |
| **CA-U. of-Davis (Physics)                    | 112           | 38              | 77   | 28   | 46                                         | 12         | 15    | -  | 2   | 6   |
| 1**CA-U. of-Davis (Applied)                   | -             | -               | -    | -    | 72                                         | 16         | -     | 6  | 1   | 9   |
| **CA-U. of-Irvine                             | 90            | 95              | 58   | 51   | 70                                         | 17         | 18    | 6  | 4   | 5   |
| **CA-U. of-Los Angeles                        | 45            | 15              | 72   | 29   | 211                                        | 57         | 41    | 14 | 4   | 22  |
| **CA-U. of-Riverside                          | 14            | 11              | 21   | 21   | 48                                         | 10         | 10    | 4  | 2   | 5   |
| **CA-U. of-San Diego                          | 47            | 52              | 57   | 40   | 104                                        | 20         | 32    | 12 | 1   | 7   |
| **CA-U. of-Santa Barbara                      | 62            | 40              | 35   | 25   | 90                                         | 24         | 21    | 5  | 10  | 5   |
| **CA-U. of-Santa Cruz                         | 28            | 26              | 48   | 30   | 23                                         | 4          | 20    | 0  | 1   | 3   |
| Claremont McKenna, Pitzer<br>& Scripps Colls. | 2             | 2               | 2    | 2    |                                            |            | 2     |    |     |     |
| Harvey Mudd Col.                              | 20            | 25              | 26   | 16   |                                            |            | 24    |    |     |     |
| Humboldt State U.                             | 4             | 8               | 11   | 11   |                                            |            | 12    |    |     |     |
| La Verne U. of                                | 2             | 2               | 1    | 2    |                                            |            | 1     |    |     |     |
| Loma Linda U.                                 | 4             | 3               | 3    | 4    |                                            |            | 4     |    |     |     |
| Loyola Marymount U.                           | 6             | 4               | 0    | 2    |                                            |            | 2     |    |     |     |
| 1**Naval Postgraduate School                  | -             | -               | -    | -    | 52                                         | 28         | -     | -  | 17  | -   |
| Occidental Col.                               | 25            | 15              | 15   | 11   |                                            |            | 6     |    |     |     |
| Pacific Union Col.                            | 6             | 8               | 4    | 2    |                                            |            | 7     |    |     |     |
| *Pacific-U. of                                | 5             | 1               | 5    | 4    | 3                                          |            | 0     |    |     |     |
| Point Loma Col.                               | 10            | 3               | 4    | 1    |                                            |            | 7     |    |     |     |
| Pomona Col.                                   | 8             | 9               | 12   | 12   |                                            |            | 10    |    |     |     |
| Redlands-U. of                                | 2             | 2               | 1    | 1    |                                            |            | 1     |    |     |     |
| *San Diego State U.                           | 15            | 10              | 30   | 15   | 25                                         | 8          | 14    | 1  | 2   |     |
| San Diego-U. of                               | 2             | 3               | 1    | 1    |                                            |            | 1     |    |     |     |
| *San Francisco State U.                       | 25            | 20              | 15   | 13   | 45                                         | 9          | 12    | -  | 4   |     |
| San Francisco-U. of                           | (5)           | (5)             | (4)  | (4)  |                                            |            | (4)   |    |     |     |
| *San Jose State U.                            | 30            | 20              | 47   | 40   | 26                                         | 8          | 17    | -  | 1   |     |
| Santa Clara-U. of                             | 8             | 8               | 5    | 5    |                                            |            | 12    |    |     |     |
| Sonoma State U.                               | 20            | 10              | 20   | 20   |                                            |            | 16    |    |     |     |
| **Southern CA-U. of                           | 21            | 3               | 19   | 6    | 42                                         | 15         | 3     | 7  | 1   | 2   |
| **Stanford U. (Physics)                       | 25            | 25              | 19   | 27   | 129                                        | 26         | 12    | 11 | 3   | 13  |
| 1**Stanford U. (Applied)                      | -             | -               | -    | -    | 124                                        | 18         | -     | 24 | 3   | 17  |
| Whittier Col.                                 | 4             | 3               | 0    | 1    |                                            |            | 3     |    |     |     |

1983-84  
PHYSICS ENROLLMENTS1982-83  
PHYSICS DEGREES

| Institution                 | Undergraduate<br>physics majors |                 |      |      | Graduate<br>students<br>f-time &<br>p-time |            |       |    |     |     |
|-----------------------------|---------------------------------|-----------------|------|------|--------------------------------------------|------------|-------|----|-----|-----|
|                             | Fresh-<br>men                   | Sopho-<br>mores | Jr's | Sr's | Total                                      | 1st<br>yr. | Bach. | MS | TMS | PhD |
| <u>COLORADO</u>             |                                 |                 |      |      |                                            |            |       |    |     |     |
| CO Col.                     | 6                               | 6               | 6    | 6    |                                            |            | 7     |    |     |     |
| **CO School of Mines        | 24                              | 21              | 16   | 13   | 20                                         | 3          | 14    | 0  | 1   | 0   |
| **CO State U.               | 39                              | 50              | 34   | 33   | 29                                         | 10         | 19    | 3  | 5   | 4   |
| **CO-U. of-Boulder          | 114                             | 72              | 60   | 95   | 129                                        | 40         | 41    | 11 | 3   | 10  |
| CO-U. of-Denver             | 13                              | 16              | 7    | 13   |                                            |            | 2     |    |     |     |
| **Denver-U. of              | 4                               | 3               | 8    | 5    | 20                                         | 7          | 3     | 1  | 2   | 2   |
| Metropolitan State Col.     | 4                               | 6               | 5    | 5    |                                            |            | 2     |    |     |     |
| Northern CO-U. of           | 17                              | 2               | 2    | 6    |                                            |            | 2     |    |     |     |
| Regis Col.                  | 0                               | 0               | 0    | 0    |                                            |            | 0     |    |     |     |
| Southern CO-U. of           | 5                               | 4               | 7    | 10   |                                            |            | 4     |    |     |     |
| U.S. Air Force Academy      | 4                               | 10              | 28   | 15   |                                            |            | 30    |    |     |     |
| Western State Col. of CO    | 4                               | 4               | 4    | 0    |                                            |            | 6     |    |     |     |
| <u>CONNECTICUT</u>          |                                 |                 |      |      |                                            |            |       |    |     |     |
| *Bridgeport-U. of           | 5                               | 5               | 8    | 5    | 6                                          | 1          | 3     | 0  | 2   |     |
| *Central CT State Col.      | 8                               | -               | 11   | 3    | 0                                          | 0          | 3     | 0  | 0   |     |
| CT Col.                     | 3                               | 3               | 5    | 1    |                                            |            | 3     |    |     |     |
| **CT-U. of                  | 32                              | 18              | 22   | 12   | 73                                         | 12         | 11    | 12 | 1   | 5   |
| Fairfield U.                | 1                               | 3               | 5    | 6    |                                            |            | 5     |    |     |     |
| Hartford-U. of              | (3)                             | (2)             | (2)  | (2)  |                                            |            | (2)   |    |     |     |
| New Haven-U. of             | 3                               | 4               | 2    | 0    |                                            |            | 0     |    |     |     |
| Southern CT State Col.      | 18                              | 6               | 8    | 5    |                                            |            | 2     |    |     |     |
| Trinity Col.                | (4)                             | (4)             | 4    | 5    |                                            |            | 5     |    |     |     |
| **Wesleyan U.               | 20                              | 20              | 17   | 8    | 8                                          | 3          | 7     | 0  | 1   | 0   |
| **Yale U.                   | 28                              | 26              | 16   | 15   | 112                                        | 24         | 19    | 20 | 1   | 15  |
| <u>DELAWARE</u>             |                                 |                 |      |      |                                            |            |       |    |     |     |
| DE State Col.               | 12                              | 11              | 8    | 7    |                                            |            | 3     |    |     |     |
| **DE-U. of                  | 17                              | 19              | 14   | 13   | 41                                         | 7          | 7     | 3  | 3   | 2   |
| <u>DISTRICT OF COLUMBIA</u> |                                 |                 |      |      |                                            |            |       |    |     |     |
| **American U.               | 5                               | 2               | 6    | 7    | 25                                         | 7          | 2     | 0  | 1   | 1   |
| **Catholic U.               | 6                               | 4               | 3    | 3    | 43                                         | 14         | 3     | 5  | 3   | 8   |
| DC-U. of                    | 9                               | 8               | 6    | 3    |                                            |            | 0     |    |     |     |
| Gallaudet Col.              | (3)                             | (3)             | (2)  | (2)  |                                            |            | (2)   |    |     |     |
| *George Washington U.       | 6                               | 5               | 3    | 3    | 5                                          | 2          | 3     | 0  | 0   | 0   |
| *Georgetown U.              | 14                              | 12              | 13   | 9    | 20                                         | 5          | 8     | 4  | 3   | 2   |
| *Howard U.                  | 21                              | 6               | 3    | 1    | 26                                         | 2          | 0     | 2  | 0   | 1   |
| <u>FLORIDA</u>              |                                 |                 |      |      |                                            |            |       |    |     |     |
| Central FL-U. of            | 10                              | 10              | 9    | 8    |                                            |            | 6     |    |     |     |
| FL A & M U.                 | (4)                             | (4)             | (5)  | (4)  |                                            |            | (4)   |    |     |     |
| *FL Atlantic U.             | 0                               | 4               | 3    | 2    | 7                                          | 1          | 1     | 0  | 2   |     |
| *FL Institute of Tech.      | 10                              | 7               | 4    | 5    | 16                                         | 7          | 1     | 3  | 1   |     |
| *FL International U.        | 4                               | 5               | 5    | 4    | 1                                          | 0          | 5     | 0  | 0   |     |

1983-84  
PHYSICS ENROLLMENTS

1982-83  
PHYSICS DEGREES

| Institution                              | Undergraduate |                 |            |            | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach.    | MS | TMS | PhD |
|------------------------------------------|---------------|-----------------|------------|------------|--------------------------------------------|------------|----------|----|-----|-----|
|                                          | Fresh-<br>men | Sopho-<br>mores | Jr's       | Sr's       |                                            |            |          |    |     |     |
| FLORIDA (cont'd)                         |               |                 |            |            |                                            |            |          |    |     |     |
| **FL State U.                            | 19            | 24              | 31         | 29         | 54                                         | 8          | 6        | 2  | 2   | 4   |
| **FL-U. of Jacksonville U.               | 28<br>(5)     | 22<br>(5)       | 33<br>(10) | 29<br>(18) | 48                                         | 8          | 7<br>(8) | 1  | 5   | 1   |
| **Miami-U. of New Col. of U. of South FL | 6<br>5        | 5<br>5          | 4<br>5     | 5<br>1     | 16                                         | 4          | 5<br>2   | 3  | 1   | 1   |
| Rollins Col.                             | 5             | 5               | 1          | 4          |                                            |            | 4        |    |     |     |
| **South FL-U. of Stetson U.              | 11<br>5       | 11<br>4         | 14<br>4    | 8<br>5     | 22                                         | 6          | 7<br>5   | 3  | 3   | 0   |
| West FL-U. of                            | (3)           | (3)             | 10         | 8          |                                            |            | 7        |    |     |     |
| GEORGIA                                  |               |                 |            |            |                                            |            |          |    |     |     |
| Agnes Scott Col.                         | 2             | 2               | 2          | 1          |                                            |            | 0        |    |     |     |
| 1*Atlanta U.                             | -             | -               | -          | -          | 9                                          | 2          | -        | 1  | 1   |     |
| Augusta Col.                             | 5             | 3               | 4          | 4          |                                            |            | 2        |    |     |     |
| Berry Col.                               | 3             | 1               | 0          | 2          |                                            |            | 2        |    |     |     |
| Clark Col.                               | 60            | 35              | 24         | 12         |                                            |            | 4        |    |     |     |
| **Emory U.                               | 3             | 5               | 8          | 5          | 9                                          | 3          | 7        | 0  | 1   | 0   |
| **GA Institute of Tech.                  | 30            | 35              | 26         | 52         | 58                                         | 15         | 38       | 6  | 13  | 9   |
| GA Southern Col.                         | (4)           | (4)             | (3)        | (3)        |                                            |            | (5)      |    |     |     |
| *GA State U.                             | 13            | 17              | 8          | 5          | 18                                         | 8          | 4        | 3  | 2   |     |
| **GA-U. of Mercer U.                     | (10)<br>2     | (8)<br>2        | 7<br>1     | 5<br>2     | 24                                         | 5          | 3<br>4   | 0  | 2   | 4   |
| Morehouse Col.                           | (10)          | (9)             | (8)        | (8)        |                                            |            | (6)      |    |     |     |
| North GA Col.                            | 25            | 15              | 12         | 5          |                                            |            | 11       |    |     |     |
| Valdosta State Col.                      | 9             | 10              | 5          | 5          |                                            |            | 7        |    |     |     |
| West GA Col.                             | 10            | 6               | 5          | 4          |                                            |            | 2        |    |     |     |
| HAWAII                                   |               |                 |            |            |                                            |            |          |    |     |     |
| HI-U. of-Hilo                            | 1             | 2               | 0          | 0          |                                            |            | 0        |    |     |     |
| **HI-U. of-Honolulu                      | 20            | 10              | 16         | 13         | 23                                         | 3          | 5        | 3  | 1   | 2   |
| IDAHO                                    |               |                 |            |            |                                            |            |          |    |     |     |
| Boise State U.                           | 6             | 6               | 4          | 7          |                                            |            | 3        |    |     |     |
| *ID State U.                             | 8             | 10              | 8          | 3          | 12                                         | 9          | 5        | 0  | 2   |     |
| **ID-U. of Northwest Nazarene Col.       | 8<br>12       | 8<br>5          | 7<br>6     | 8<br>12    | 9                                          | 2          | 7<br>6   | 0  | 2   | 1   |
| ILLINOIS                                 |               |                 |            |            |                                            |            |          |    |     |     |
| Augustana Col.                           | 10            | 10              | 6          | 13         |                                            |            | 14       |    |     |     |
| Bradley U.                               | (4)           | (4)             | (3)        | (2)        |                                            |            | (2)      |    |     |     |
| **Chicago-U. of                          | 40            | 30              | 36         | 20         | 134                                        | 30         | 18       | 11 | 1   | 10  |
| *DePaul U.                               | 5             | 5               | 2          | 2          | 18                                         | 3          | 3        | 0  | 2   |     |
| Eastern IL U.                            | 7             | 8               | 4          | 10         |                                            |            | 7        |    |     |     |
| Elmhurst Col.                            | 6             | 5               | 4          | 6          |                                            |            | 5        |    |     |     |

1983-84  
PHYSICS ENROLLMENTS

1982-83  
PHYSICS DEGREES

| Institution                  | Undergraduate<br>physics majors |                 |      |      | Graduate<br>students<br>f-time &<br>p-time<br>Total | 1st<br>yr. | 1982-83<br>PHYSICS DEGREES |    |     |     |
|------------------------------|---------------------------------|-----------------|------|------|-----------------------------------------------------|------------|----------------------------|----|-----|-----|
|                              | Fresh-<br>men                   | Sopho-<br>mores | Jr's | Sr's |                                                     |            | Bach.                      | MS | TMS | PhD |
| <u>ILLINOIS ( cont'd)</u>    |                                 |                 |      |      |                                                     |            |                            |    |     |     |
| Eureka Col.                  | (2)                             | (2)             | (1)  | (1)  |                                                     |            | (2)                        |    |     |     |
| Greenville Col.              | 4                               | 2               | 2    | 0    |                                                     |            | 6                          |    |     |     |
| IL Benedictine Col.          | 4                               | 4               | 4    | 2    |                                                     |            | 3                          |    |     |     |
| IL Col.                      | 0                               | 0               | 0    | 1    |                                                     |            | 2                          |    |     |     |
| **IL Institute of Tech       | 14                              | 17              | 10   | 6    | 20                                                  | 8          | 3                          | 6  | 1   | 2   |
| IL State U.                  | 55                              | 45              | 24   | 11   |                                                     |            | 6                          |    |     |     |
| **IL-U. of Chicago Circle    | 22                              | 20              | 21   | 25   | 62                                                  | 16         | 7                          | 4  | 5   | 3   |
| **IL-U. of Urbana            | 52                              | 33              | 63   | 63   | 283                                                 | 66         | 46                         | 40 | 10  | 29  |
| IL Wesleyan U.               | 19                              | 9               | 5    | 3    |                                                     |            | 3                          |    |     |     |
| Knox Col.                    | (3)                             | 2               | 4    | 3    |                                                     |            | 2                          |    |     |     |
| Lake Forest Col.             | 6                               | 5               | 7    | 4    |                                                     |            | 5                          |    |     |     |
| Lewis U.                     | 1                               | 5               | 3    | 2    |                                                     |            | 2                          |    |     |     |
| Loyola U. of Chicago         | 35                              | 8               | 6    | 9    |                                                     |            | 6                          |    |     |     |
| MacMurray Col.               | (1)                             | (1)             | (1)  | (1)  |                                                     |            | (2)                        |    |     |     |
| Millikin U.                  | 0                               | 0               | 3    | 0    |                                                     |            | 0                          |    |     |     |
| Monmouth Col.                | 5                               | 7               | 1    | 1    |                                                     |            | 2                          |    |     |     |
| North Central Col.           | 2                               | 2               | 1    | 3    |                                                     |            | 6                          |    |     |     |
| North Park Col.              | 0                               | 1               | 3    | 0    |                                                     |            | 2                          |    |     |     |
| *Northeastern IL U.          | 14                              | 14              | 5    | 3    | 12                                                  | 5          | 3                          |    | 3   |     |
| *Northern IL U.              | 25                              | 20              | 20   | 9    | 21                                                  | 8          | 10                         | 4  | 2   |     |
| **Northwestern U.            | 24                              | 11              | 5    | 15   | 58                                                  | 19         | 13                         | 4  | 1   | 8   |
| Olivet Nazarene              | 8                               | 5               | 4    | 2    |                                                     |            | 0                          |    |     |     |
| Principia Col.               | 2                               | 2               | 3    | 3    |                                                     |            | 2                          |    |     |     |
| Roosevelt U.                 | (4)                             | (3)             | (3)  | (2)  |                                                     |            | (3)                        |    |     |     |
| *Southern IL U.-Carbondale   | 9                               | 9               | 9    | 10   | 35                                                  | 9          | 12                         |    | 5   |     |
| *Southern IL U.-Edwardsville | 3                               | 4               | 4    | 4    | 7                                                   | 5          | 5                          |    | 5   |     |
| *Western IL U.               | 14                              | 3               | 5    | 0    | 7                                                   | 3          | 5                          |    | 2   |     |
| Wheaton Col.                 | 15                              | 17              | 8    | 4    |                                                     |            | 1                          |    |     |     |
| <u>INDIANA</u>               |                                 |                 |      |      |                                                     |            |                            |    |     |     |
| Anderson Col.                | 3                               | 3               | 3    | 3    |                                                     |            | 1                          |    |     |     |
| *Ball State U.               | 20                              | 20              | 8    | 6    | 12                                                  | 6          | 5                          | 0  | 0   |     |
| Butler U.                    | 10                              | 4               | 9    | 7    |                                                     |            | 4                          |    |     |     |
| DePauw U.                    | 8                               | 3               | 7    | 1    |                                                     |            | 2                          |    |     |     |
| Earlham Col.                 | (8)                             | (8)             | (6)  | (4)  |                                                     |            | (4)                        |    |     |     |
| Evansville - U. of           | 3                               | 2               | 3    | 3    |                                                     |            | 0                          |    |     |     |
| Franklin Col. of IN          | 1                               | 1               | 1    | 0    |                                                     |            | 1                          |    |     |     |
| Goshen Col.                  | (5)                             | (5)             | (3)  | (3)  |                                                     |            | (4)                        |    |     |     |
| Grace Col.                   | 1                               | 2               | 2    | 0    |                                                     |            | 2                          |    |     |     |
| Hanover Col.                 | 2                               | 3               | 3    | 5    |                                                     |            | 3                          |    |     |     |
| IN Central U.                | (3)                             | (1)             | (2)  | (2)  |                                                     |            | (1)                        |    |     |     |
| *IN State U.                 | 10                              | 8               | 7    | 9    | 7                                                   | 1          | 7                          |    | 2   |     |
| **IN U. -Bloomington         | 10                              | 16              | 16   | 9    | 87                                                  | 26         | 18                         | 6  | 1   | 10  |
| IN U.-Purdue U.-Fort Wayne   | 6                               | 3               | 2    | 3    |                                                     |            |                            |    |     |     |
| IN U.-Purdue U.-Indiana.     | 6                               | 5               | 6    | 1    |                                                     |            | 4                          |    |     |     |
| IN U.-South Bend             | 5                               | 5               | 2    | 2    |                                                     |            | 2                          |    |     |     |

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| Institution               | Undergraduate<br>physics majors |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS  | TMS | PhD |
|---------------------------|---------------------------------|-----------------|------|------|--------------------------------------------|------------|-------|-----|-----|-----|
|                           | Fresh-<br>men                   | Sopho-<br>mores | Jr's | Sr's |                                            |            |       |     |     |     |
| INDIANA (cont'd)          |                                 |                 |      |      |                                            |            |       |     |     |     |
| Manchester Col.           | (2)                             | (1)             | (1)  | (2)  |                                            |            | (0)   |     |     |     |
| **Notre Dame-U. of        | 19                              | 5               | 12   | 12   | 61                                         | 13         | 14    | 0   | 1   | 4   |
| Purdue U.-Calumet Cps.    | 3                               | 3               | 4    | 4    |                                            |            | 2     |     |     |     |
| **Purdue U.-W. Lafayette  | 40                              | 25              | 19   | 24   | 135                                        | 29         | 19    | 13  | 7   | 16  |
| Rose-Hulman Inst. of Tech | 18                              | 4               | 6    | 4    |                                            |            | 3     |     |     |     |
| Taylor U.                 | 3                               | 1               | 4    | 1    |                                            |            | 5     |     |     |     |
| Valparaiso U.             | 4                               | 12              | 3    | 4    |                                            |            | 9     |     |     |     |
| Wabash Col.               | 10                              | 6               | 5    | 3    |                                            |            | 3     |     |     |     |
| IOWA                      |                                 |                 |      |      |                                            |            |       |     |     |     |
| Central Col.              | 7                               | 3               | 1    | 2    |                                            |            | 3     |     |     |     |
| Coe Col.                  | 5                               | 5               | 3    | 2    |                                            |            | 6     |     |     |     |
| Cornell Col.              | 3                               | 1               | 3    | 3    |                                            |            | 0     |     |     |     |
| Dordt Col.                | 2                               | 0               | 0    | 0    |                                            |            | 0     |     |     |     |
| *Drake U.                 | 14                              | 3               | 4    | 7    | 4                                          | 2          | 3     | 0   | 0   |     |
| Dubuque-U. of             | 0                               | 0               | 0    | 0    |                                            |            | 0     |     |     |     |
| Grinnell Col.             | 20                              | 15              | 9    | 10   |                                            |            | 10    |     |     |     |
| **IA State U.             | 28                              | 10              | 18   | 25   | 79                                         | 23         | 17    | 0   | 7   | 13  |
| **IA-U. of                | 19                              | 15              | 27   | 20   | 48                                         | 17         | 7     | 9   | 0   | 3   |
| Loras Col.                | 4                               | 6               | 6    | 5    |                                            |            | 2     |     |     |     |
| Luther Col.               | 14                              | 12              | 8    | 6    |                                            |            | 8     |     |     |     |
| Maharishi Inter. U.       | (8)                             | (8)             | (4)  | (4)  |                                            |            | (5)   |     |     |     |
| Morningside Col.          | 2                               | 2               | 0    | 0    |                                            |            | 0     |     |     |     |
| *Northern IA-U. of        | (7)                             | (7)             | (7)  | (10) | (3)                                        | (1)        | (6)   | (0) | (1) |     |
| St. Ambrose Col.          | 0                               | 0               | 3    | 2    |                                            |            | 1     |     |     |     |
| Wartburg Col.             | 1                               | 2               | 3    | 3    |                                            |            | 3     |     |     |     |
| KANSAS                    |                                 |                 |      |      |                                            |            |       |     |     |     |
| Baker U.                  | 2                               | 1               | 1    | 2    |                                            |            | 2     |     |     |     |
| Benedictine Col.          | 6                               | 7               | 3    | 2    |                                            |            | 1     |     |     |     |
| Bethel Col.               | 3                               | 3               | 2    | 2    |                                            |            | 2     |     |     |     |
| *Emporia State U.         | 2                               | 2               | 2    | 7    | 3                                          | 0          | 6     | 0   | 1   |     |
| *Fort Hays State U.       | 8                               | 4               | 5    | 2    | 1                                          | 1          | 6     | 0   | 3   |     |
| **KS State U.             | 14                              | 8               | 8    | 10   | 29                                         | 12         | 9     | 2   | 0   | 2   |
| **KS-U. of                | 25                              | 18              | 10   | 8    | 39                                         | 9          | 8     | 1   | 3   | 3   |
| KS Wesleyan U.            | (1)                             | (1)             | (2)  | (1)  |                                            |            | (0)   |     |     |     |
| Mid-America Nazarene Col. | 4                               | 4               | 3    | 3    |                                            |            | 3     |     |     |     |
| *Pittsburg State U.       | 1                               | 3               | 2    | 4    | 5                                          | 5          | 3     | 1   | 1   |     |
| Washburn U.               | 4                               | 2               | 3    | 1    |                                            |            | 1     |     |     |     |
| *Wichita State U.         | 3                               | 3               | 4    | 3    | 11                                         | 4          | 2     | 3   | 6   |     |
| KENTUCKY                  |                                 |                 |      |      |                                            |            |       |     |     |     |
| Berea Col.                | 5                               | 3               | 5    | 6    |                                            |            | 3     |     |     |     |
| Centre Col. of KY         | 10                              | 7               | 7    | 4    |                                            |            | 3     |     |     |     |
| *Eastern KY U.            | 3                               | 3               | 11   | 3    | 2                                          | 2          | 5     | 0   | 1   |     |
| Georgetown Col.           | (2)                             | (2)             | (2)  | (1)  |                                            |            | (2)   |     |     |     |
| **KY-U. of                | 32                              | 22              | 18   | 14   | 35                                         | 8          | 15    | 3   | 5   | 1   |

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| Institution               | Undergraduate physics majors |                 |      |      | Graduate students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS | TMS | PhD |
|---------------------------|------------------------------|-----------------|------|------|-----------------------------------------|------------|-------|----|-----|-----|
|                           | Fresh-<br>men                | Sopho-<br>mores | Jr's | Sr's |                                         |            |       |    |     |     |
| KENTUCKY (cont'd)         |                              |                 |      |      |                                         |            |       |    |     |     |
| KY Wesleyan Col.          | 2                            | 1               | 0    | 2    |                                         |            | 3     |    |     |     |
| *Louisville - U. of       | 6                            | 5               | 6    | 6    | 11                                      | 8          | 2     | 4  | 2   | 1   |
| Morehead State U.         | 4                            | 2               | 2    | 1    |                                         |            | 0     |    |     |     |
| *Murray State U.          | 46                           | 67              | 44   | 17   | 7                                       | 3          | 31    |    | 7   |     |
| Northern KY U.            | (4)                          | (3)             | (2)  | (1)  |                                         |            | (3)   |    |     |     |
| Thomas More Col.          | 6                            | 4               | 5    | 6    |                                         |            | 8     |    |     |     |
| Transylvania U.           | 5                            | 1               | 0    | 1    |                                         |            | 0     |    |     |     |
| Western KY U.             | 15                           | 5               | 11   | 10   |                                         |            | 4     |    |     |     |
| LOUISIANA                 |                              |                 |      |      |                                         |            |       |    |     |     |
| Centenary Col.            | 5                            | 5               | 4    | 1    |                                         |            | 1     |    |     |     |
| Dillard U.                | (8)                          | (8)             | (6)  | (5)  |                                         |            | (3)   |    |     |     |
| Grambling State U.        | 10                           | 8               | 4    | 3    |                                         |            | 3     |    |     |     |
| **LA State U.-Baton Rouge | 12                           | 10              | 7    | 8    | 40                                      | 7          | 9     |    | 3   | 4   |
| LA State U.-Shreveport    | 8                            | 5               | 0    | 5    |                                         |            | 0     |    |     |     |
| *LA Tech U.               | 4                            | 2               | 2    | 1    | 8                                       | 3          | 4     | -  | 0   |     |
| Loyola U.                 | 20                           | 15              | 13   | 4    |                                         |            | 6     |    |     |     |
| McNeese State U.          | (3)                          | (3)             | (1)  | (1)  |                                         |            | (1)   |    |     |     |
| *New Orleans - U. of      | 17                           | 8               | 6    | 7    | 27                                      | 12         | 3     |    | 3   |     |
| *Northeast LA U.          | 3                            | 3               | 2    | 2    | 8                                       | 1          | 0     | 0  | 0   |     |
| Northwestern State U.     | 3                            | 1               | 1    | 0    |                                         |            | 0     |    |     |     |
| Southeastern LA U.        | 5                            | 4               | 0    | 0    |                                         |            | 4     |    |     |     |
| Southern U. - Baton Rouge | 3                            | 6               | 0    | 0    |                                         |            | 4     |    |     |     |
| Southern U. - New Orleans | 10                           | 15              | 12   | 10   |                                         |            | 0     |    |     |     |
| *Southwestern LA - U.of   | 4                            | 2               | 0    | 3    | 5                                       | 2          | 2     | -  | 0   |     |
| **Tulane U.               | 10                           | 10              | 6    | 6    | 10                                      | 4          | 4     | -  | 5   | 1   |
| Xavier U.                 | 0                            | 0               | 1    | 3    |                                         |            | 4     |    |     |     |
| MAINE                     |                              |                 |      |      |                                         |            |       |    |     |     |
| Bates Col.                | 15                           | 10              | 5    | 12   |                                         |            | 14    |    |     |     |
| Bowdoin Col.              | 12                           | 12              | 14   | 14   |                                         |            | 15    |    |     |     |
| Colby Col.                | 8                            | 7               | 3    | 7    |                                         |            | 8     |    |     |     |
| **ME - U. of              | 20                           | 36              | 22   | 27   | 23                                      | 10         | 6     | 0  | 6   | 1   |
| MARYLAND                  |                              |                 |      |      |                                         |            |       |    |     |     |
| Frostburg State Col.      | 20                           | 12              | 3    | 1    |                                         |            | 3     |    |     |     |
| **Johns Hopkins U.        | 13                           | 17              | 9    | 6    | 82                                      | 27         | 6     | 12 | 3   | 9   |
| Loyola Col.               | 10                           | 5               | 1    | 2    |                                         |            | 3     |    |     |     |
| *MD-U.of-Baltimore County | 12                           | 12              | 10   | 9    | 6                                       | 3          | 3     |    |     |     |
| **MD-U.of - College Park  | 87                           | 48              | 22   | 21   | 205                                     | 55         | 18    | 8  | 9   | 28  |
| Morgan State U.           | 5                            | 5               | 5    | 7    |                                         |            | 7     |    |     |     |
| Notre Dame of MD-Col.of   | 1                            | 3               | 0    | 0    |                                         |            | 0     |    |     |     |
| Towson State U.           | (20)                         | (20)            | (15) | (15) |                                         |            | (5)   |    |     |     |
| U.S. Naval Academy        | 26                           | 38              | 24   | 26   |                                         |            | 28    |    |     |     |
| Washington Col.           | 2                            | 3               | 2    | 0    |                                         |            | 1     |    |     |     |
| Western MD Col.           | 3                            | 1               | 3    | 1    |                                         |            | 0     |    |     |     |

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| Institution                                   | Undergraduate<br>physics majors |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | 1982-83<br>PHYSICS DEGREES |       |    |     |
|-----------------------------------------------|---------------------------------|-----------------|------|------|--------------------------------------------|------------|----------------------------|-------|----|-----|
|                                               | Fresh-<br>men                   | Sopho-<br>mores | Jr's | Sr's |                                            |            | Total                      | Bach. | MS | TMS |
| <u>MASSACHUSETTS</u>                          |                                 |                 |      |      |                                            |            |                            |       |    |     |
| Amherst Col.                                  | (15)                            | (15)            | 11   | 11   |                                            |            | 13                         |       |    |     |
| **Boston Col.                                 | 8                               | 14              | 6    | 7    | 32                                         | 10         | 6                          | 1     | 1  | 2   |
| **Boston U.                                   | 12                              | 10              | 14   | 8    | 47                                         | 12         | 8                          | 4     | 3  | 3   |
| **Brandeis U.                                 | 6                               | 10              | 7    | 9    | 49                                         | 15         | 12                         | 2     | 2  | 4   |
| Bridgewater State Col.                        | 3                               | 4               | 5    | 6    |                                            |            | 3                          |       |    |     |
| **Clark U.                                    | 4                               | 3               | 4    | 3    | 11                                         | 4          | 4                          | 0     | 1  | 0   |
| Curry Col.                                    | 3                               | 3               | 4    | 2    |                                            |            | 1                          |       |    |     |
| Eastern Nazarene Col.                         | 8                               | 4               | 7    | 1    |                                            |            | 3                          |       |    |     |
| Gordon Col.                                   | 5                               | 3               | 4    | 3    |                                            |            | 4                          |       |    |     |
| Hampshire Col.                                | (4)                             | (3)             | (3)  | (3)  |                                            |            | (3)                        |       |    |     |
| **Harvard U.-incl.Radcliffe                   | 66                              | 61              | 54   | 59   | 103                                        | 23         | 49                         | 20    | 2  | 14  |
| **Harvard U.-(Applied)                        | 65                              | 65              | 59   | 51   | 119                                        | 32         | 46                         | 4     | 1  | 10  |
| Holy Cross-Col. of the                        | (12)                            | (12)            | (14) | (12) |                                            |            | (6)                        |       |    |     |
| **Lowell-U. of                                | 14                              | 16              | 18   | 12   | 32                                         | 10         | 11                         | 0     | 5  | 2   |
| **Mass. Inst. of Tech.                        | 80                              | 80              | 62   | 120  | 295                                        | 59         | 70                         | -     | 9  | 43  |
| **MA-U. of-Amherst                            | 25                              | 15              | 17   | 15   | 57                                         | 21         | 33                         | 1     | 3  | 6   |
| *MA-U. of-Boston-incl.<br>(Boston State Col.) | 10                              | 10              | 10   | 14   | 10                                         | 5          | 10                         | 8     | 0  |     |
| Mount Holyoke Col.                            | 5                               | 5               | 6    | 12   |                                            |            | 9                          |       |    |     |
| North Adams State Col.                        | 2                               | 5               | 5    | 4    |                                            |            | 5                          |       |    |     |
| **Northeastern U.                             | 8                               | 10              | 6    | 6    | 78                                         | 29         | 5                          | 6     | 0  | 2   |
| Smith Col.                                    | 5                               | 5               | 4    | 2    |                                            |            | 2                          |       |    |     |
| *Southeastern MA U.                           | (6)                             | (6)             | (5)  | (5)  | 8                                          | 4          | 4                          |       |    |     |
| Suffolk U.                                    | (2)                             | (2)             | (3)  | (3)  |                                            |            | (2)                        |       |    |     |
| **Tufts U.                                    | 6                               | 4               | 2    | 9    | 23                                         | 7          | 8                          | 2     | 3  | 2   |
| Wellesley Col.                                | 15                              | 15              | 11   | 5    |                                            |            | 10                         |       |    |     |
| Wheaton Col.                                  | 3                               | 3               | 2    | 3    |                                            |            | 2                          |       |    |     |
| Williams Col.                                 | 12                              | 12              | 9    | 11   |                                            |            | 16                         |       |    |     |
| **Worcester Polytech.Inst.                    | 16                              | 13              | 9    | 11   | 6                                          | 2          | 11                         | 1     | 0  | 0   |
| Worcester State Col.                          | (3)                             | (3)             | (2)  | (2)  |                                            |            | (2)                        |       |    |     |
| <u>MICHIGAN</u>                               |                                 |                 |      |      |                                            |            |                            |       |    |     |
| Adrian Col.                                   | 1                               | 1               | 2    | 1    |                                            |            | 0                          |       |    |     |
| Albion Col.                                   | 16                              | 10              | 5    | 7    |                                            |            | 7                          |       |    |     |
| Alma Col.                                     | (5)                             | (5)             | (3)  | (3)  |                                            |            | (3)                        |       |    |     |
| *Andrews U.                                   | 5                               | 7               | 3    | 1    | 2                                          | 0          | 6                          | 4     | 0  |     |
| Calvin Col.                                   | 5                               | 3               | 3    | 3    |                                            |            | 4                          |       |    |     |
| *Central MI U.                                | 8                               | 3               | 3    | 3    | 3                                          | 2          | 8                          | 0     | 2  |     |
| *Eastern MI U.                                | (4)                             | (4)             | (4)  | (4)  | (10)                                       | (5)        | 5                          | 0     | 2  |     |
| Grand Valley State Col.                       | 2                               | 3               | 2    | 1    |                                            |            | 3                          |       |    |     |
| Hillsdale Col.                                | 1                               | 4               | 1    | 2    |                                            |            | 0                          |       |    |     |
| Hope Col.                                     | 10                              | 10              | 10   | 5    |                                            |            | 17                         |       |    |     |
| Kalamazoo Col.                                | 12                              | 12              | 14   | 12   |                                            |            | 11                         |       |    |     |
| Lawrence Inst. of Tech.                       | 15                              | 1               | 8    | 7    |                                            |            | 0                          |       |    |     |
| **MI State U.                                 | 15                              | 24              | 67   | 31   | 92                                         | 30         | 12                         | 10    | 6  | 7   |

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Undergraduate  
physics majors Graduate  
students  
f-time &  
p-time

| Institution               | Fresh-<br>men | Sopho-<br>mores | Jr's | Sr's | Total | 1st<br>yr. | Bach. | MS | TMS | PhD |
|---------------------------|---------------|-----------------|------|------|-------|------------|-------|----|-----|-----|
| <u>MICHIGAN (cont'd)</u>  |               |                 |      |      |       |            |       |    |     |     |
| *MI Technological U.      | 25            | 20              | 25   | 14   | 5     | 4          | 9     | 0  | 0   |     |
| **MI-U. of-Ann Arbor      | 30            | 30              | 30   | 30   | 120   | 35         | 20    | 7  | 10  | 16  |
| MI-U. of-Dearborn         | 5             | 6               | 8    | 2    |       |            | 5     |    |     |     |
| MI-U. of-Flint            | 10            | 3               | 3    | 5    |       |            | 1     |    |     |     |
| Northern MI U.            | 1             | 3               | 5    | 2    |       |            | 4     |    |     |     |
| **Oakland U.              | 6             | 8               | 6    | 9    | 7     | 1          | 10    | 0  | 10  | 0   |
| Saginaw Valley State Col. | 4             | 4               | 4    | 1    |       |            | 4     |    |     |     |
| Spring Arbor Col.         | 0             | 1               | 0    | 0    |       |            | 1     |    |     |     |
| **Wayne State U.          | 9             | 8               | 6    | 15   | 44    | 8          | 8     | 3  | 4   | 6   |
| *Western MI U.            | 10            | 10              | 8    | 10   | 25    | 13         | 9     | 0  | 0   |     |
| <u>MINNESOTA</u>          |               |                 |      |      |       |            |       |    |     |     |
| Augsburg Col.             | 10            | 6               | 7    | 5    |       |            | 2     |    |     |     |
| Bemidji State U.          | 15            | 15              | 10   | 6    |       |            | 7     |    |     |     |
| Bethel Col.               | 4             | 2               | 2    | 2    |       |            | 4     |    |     |     |
| Carleton Col.             | 15            | 20              | 16   | 26   |       |            | 28    |    |     |     |
| Concordia Col.            | (5)           | (5)             | (4)  | (3)  |       |            | 4     |    |     |     |
| Gustavus Adolphus Col.    | 30            | 20              | 9    | 5    |       |            | 4     |    |     |     |
| Hamline U.                | 15            | 17              | 20   | 12   |       |            | 7     |    |     |     |
| Macalester Col.           | (8)           | (8)             | (4)  | (6)  |       |            | (0)   |    |     |     |
| *Mankato State U.         | 10            | 10              | 7    | 6    | 6     | 4          | 8     | 0  | 2   |     |
| *MN-U. of-Duluth          | 12            | 9               | 4    | 0    | 7     | 5          | 7     | 1  | 1   |     |
| **MN-U. of-Minneapolis    | 40            | 36              | 31   | 25   | 119   | 21         | 19    | 1  | 1   | 4   |
| MN-U. of-Morris           | 5             | 4               | 3    | 3    |       |            | 3     |    |     |     |
| Moorhead State U.         | 3             | 3               | 3    | 3    |       |            | 1     |    |     |     |
| St. Catherine-Col. of     | 2             | 1               | 1    | 0    |       |            | 0     |    |     |     |
| St. Cloud State U.        | 5             | 5               | 3    | 3    |       |            | 6     |    |     |     |
| St. John's U.             | 29            | 16              | 8    | 10   |       |            | 7     |    |     |     |
| St. Mary's Col.           | 6             | 5               | 3    | 2    |       |            | 2     |    |     |     |
| St. Olaf Col.             | 35            | 17              | 18   | 16   |       |            | 17    |    |     |     |
| St. Thomas-Col. of        | 3             | 2               | 1    | 0    |       |            | 1     |    |     |     |
| Southwest State U.        | (3)           | (2)             | (2)  | (3)  |       |            | (0)   |    |     |     |
| Winona State U.           | 8             | 5               | 4    | 5    |       |            | 4     |    |     |     |
| <u>MISSISSIPPI</u>        |               |                 |      |      |       |            |       |    |     |     |
| Jackson State U.          | 0             | 1               | 2    | 4    |       |            | 3     |    |     |     |
| Millsaps Col.             | 2             | 2               | 1    | 2    |       |            | 1     |    |     |     |
| MS Col.                   | 2             | 2               | 2    | 2    |       |            | 0     |    |     |     |
| *MS State U.              | 12            | 5               | 4    | 3    | 8     | 5          | 0     | 0  | 2   |     |
| **MS-U. of                | 6             | 5               | 15   | 5    | 22    | 7          | 8     | 0  | 1   | 0   |
| MS Valley State U.        | (4)           | (4)             | (0)  | (3)  |       |            | (0)   |    |     |     |
| Rust Col.                 | (2)           | (2)             | (1)  | (1)  |       |            | (1)   |    |     |     |
| *Southern MS-U. of        | 5             | 5               | 5    | 4    | 9     | 5          | 5     | 0  | 1   |     |
| Tougaloo Col.             | (4)           | (4)             | (4)  | (3)  |       |            | (3)   |    |     |     |

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1982-83  
PHYSICS DEGREES

| Institution                 | Undergraduate |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | PHYSICS DEGREES |     |     |     |
|-----------------------------|---------------|-----------------|------|------|--------------------------------------------|------------|-----------------|-----|-----|-----|
|                             | Fresh-<br>men | Sopho-<br>mores | Jr's | Sr's |                                            |            | Bach.           | MS  | TMS | PhD |
| <u>MISSOURI</u>             |               |                 |      |      |                                            |            |                 |     |     |     |
| Central Methodist Col.      | (0)           | (0)             | (0)  | (0)  |                                            |            | (0)             |     |     |     |
| Central MO State U.         | 28            | 15              | 15   | 7    |                                            |            | 4               |     |     |     |
| Drury Col.                  | 2             | 2               | 2    | 2    |                                            |            | 1               |     |     |     |
| MO Southern State Col.      | 2             | 2               | 1    | 2    |                                            |            | 0               |     |     |     |
| **MO-U. of-Columbia         | 13            | 13              | 10   | 4    | 28                                         | 5          | 9               | 3   | 2   | 5   |
| *MO-U. of-Kansas City       | 5             | 5               | 5    | 3    | 21                                         | 10         | 2               | 3   | 2   |     |
| **MO-U. of-Rolla            | 9             | 19              | 9    | 11   | 36                                         | 8          | 7               | 6   | 3   | 0   |
| *MO-U. of-St. Louis         | (10)          | (10)            | 20   | 6    | 15                                         | 4          | 4               | 0   | 3   |     |
| Northeast MO State U.       | 40            | 30              | 8    | 4    |                                            |            | 2               |     |     |     |
| Northwest MO State U.       | 2             | 4               | 0    | 1    |                                            |            | 0               |     |     |     |
| Rockhurst Col.              | 2             | 1               | 0    | 1    |                                            |            | 1               |     |     |     |
| **St. Louis U.              | 0             | 2               | 0    | 2    | 2                                          | 0          | 2               | 0   | 0   | 1   |
| *Southeast MO State U.      | 10            | 12              | 8    | 6    | 2                                          | 1          | 4               | 0   | 0   |     |
| Southwest MO State U.       | 0             | 2               | 10   | 3    |                                            |            | 6               |     |     |     |
| **Washington U.             | 22            | 20              | 29   | 20   | 62                                         | 12         | 18              | 4   | 2   | 6   |
| Westminster Col.            | 2             | 2               | 1    | 1    |                                            |            | 1               |     |     |     |
| William Jewell Col.         | (8)           | (6)             | (5)  | (4)  |                                            |            | (4)             |     |     |     |
| William Woods Col.          | 0             | 0               | 0    | 0    |                                            |            | 1               |     |     |     |
| <u>MONTANA</u>              |               |                 |      |      |                                            |            |                 |     |     |     |
| **MT State U.               | 19            | 18              | 12   | 23   | 46                                         | 17         | 11              | 4   | 0   | 2   |
| *MT-U. of                   | 20            | 8               | 4    | 5    | 3                                          | 2          | 2               | 2   | 0   |     |
| <u>NEBRASKA</u>             |               |                 |      |      |                                            |            |                 |     |     |     |
| Chadron State Col.          | (3)           | (2)             | (3)  | (3)  |                                            |            | (3)             |     |     |     |
| Concordia Teachers Col.     | (5)           | (5)             | (7)  | (5)  |                                            |            | (5)             |     |     |     |
| *Creighton U.               | 5             | 5               | 8    | 9    | 8                                          | 3          | 8               | 0   | 3   |     |
| Hastings Col.               | 10            | 6               | 5    | 5    |                                            |            | 4               |     |     |     |
| Kearney State Col.          | (3)           | (3)             | (2)  | (3)  |                                            |            | (2)             |     |     |     |
| **NE-U. of-Lincoln          | 19            | 14              | 9    | 16   | 30                                         | 9          | 3               | 3   | 3   | 6   |
| NE-U. of-Omaha              | 6             | 5               | 5    | 5    |                                            |            | 1               |     |     |     |
| NE Wesleyan U.              | 6             | 6               | 6    | 6    |                                            |            | 6               |     |     |     |
| Union Col.                  | (2)           | (0)             | (1)  | (1)  |                                            |            | (0)             |     |     |     |
| Wayne State U.              | (2)           | (2)             | (1)  | (1)  |                                            |            | (1)             |     |     |     |
| <u>NEVADA</u>               |               |                 |      |      |                                            |            |                 |     |     |     |
| *NV-U. of-Las Vegas         | (6)           | (8)             | (5)  | (4)  | (7)                                        | (3)        | (2)             | (0) | (1) |     |
| **NV-U. of-Reno             | 5             | 5               | 6    | 3    | 15                                         | 4          | 1               | 1   | 0   | 2   |
| <u>NEW HAMPSHIRE</u>        |               |                 |      |      |                                            |            |                 |     |     |     |
| **Dartmouth Col.            | (18)          | (15)            | 27   | 14   | 27                                         | 2          | 14              | 0   | 1   | 2   |
| **NH-U. of                  | 14            | 15              | 9    | 19   | 25                                         | 9          | 9               | 0   | 0   | 0   |
| <u>NEW JERSEY</u>           |               |                 |      |      |                                            |            |                 |     |     |     |
| Drew U.                     | 3             | 4               | 4    | 1    |                                            |            | 1               |     |     |     |
| Fairleigh Dickinson-Madison | (2)           | (2)             | (1)  | (1)  |                                            |            | (0)             |     |     |     |

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| Institution                     | Undergraduate physics majors |             |      |      | Graduate students f-time & p-time | 1st yr. | 1982-83 PHYSICS DEGREES |    |     |     |
|---------------------------------|------------------------------|-------------|------|------|-----------------------------------|---------|-------------------------|----|-----|-----|
|                                 | Fresh-men                    | Sopho-mores | Jr's | Sr's |                                   |         | Bach.                   | MS | TMS | PhD |
| <u>NEW JERSEY (cont'd)</u>      |                              |             |      |      |                                   |         |                         |    |     |     |
| *Fairleigh Dickinson U.-Teaneck | 0                            | 1           | 3    | 0    | 9                                 | 4       | 5                       | 0  | 0   |     |
| Georgian Court Col.             | 1                            | 1           | 0    | 1    |                                   |         | 2                       |    |     |     |
| Monmouth Col.                   | 5                            | 2           | 5    | 4    |                                   |         | 3                       |    |     |     |
| Montclair State Col.            | 3                            | 2           | 6    | 5    |                                   |         | 5                       |    |     |     |
| **Princeton U.                  | 150                          | 85          | 22   | 14   | 79                                | 21      | 21                      | 0  | 0   | 16  |
| Ramapo Col.                     | (5)                          | (5)         | (5)  | (3)  |                                   |         | (1)                     |    |     |     |
| Rider Col.                      | 1                            | 1           | 0    | 0    |                                   |         | 0                       |    |     |     |
| **Rutgers U.-Busch Campus       | (10)                         | 5           | 26   | 25   | 83                                | 18      | 19                      | 1  | 5   | 6   |
| Rutgers U.-Camden Campus        | 11                           | 16          | 16   | 10   |                                   |         | 5                       |    |     |     |
| Rutgers U.-Newark Campus        | 2                            | 1           | 2    | 7    |                                   |         | 3                       |    |     |     |
| Saint Peter's Col.              | 1                            | 0           | 1    | 4    |                                   |         | 3                       |    |     |     |
| Seton Hall U.                   | 4                            | 2           | 5    | 2    |                                   |         | 2                       |    |     |     |
| **Stevens Inst. of Tech.        | 31                           | 20          | 29   | 18   | 50                                | 5       | 14                      | 6  | 4   | 3   |
| Stockton State Col.             | 10                           | 7           | 9    | 9    |                                   |         | 12                      |    |     |     |
| Trenton State Col.              | 8                            | 3           | 6    | 7    |                                   |         | 6                       |    |     |     |
| <u>NEW MEXICO</u>               |                              |             |      |      |                                   |         |                         |    |     |     |
| Eastern NM U.                   | 3                            | 3           | 2    | 2    |                                   |         | 1                       |    |     |     |
| NM Highlands U.                 | 3                            | 2           | 3    | 3    |                                   |         | 2                       |    |     |     |
| **NM Inst. of Mining & Tech.    | 42                           | 20          | 15   | 15   | 10                                | 4       | 6                       | 2  | 0   | 0   |
| **NM State U.                   | 7                            | 10          | 9    | 9    | 26                                | 3       | 3                       | 2  | 4   | 5   |
| **NM-U. of                      | 10                           | 8           | 21   | 20   | 60                                | 14      | 8                       | 4  | 0   | 3   |
| <u>NEW YORK</u>                 |                              |             |      |      |                                   |         |                         |    |     |     |
| **Adelphi U.                    | 11                           | 7           | 5    | 5    | 22                                | 8       | 2                       | 6  | 0   | 1   |
| Alfred U.                       | 2                            | 2           | 2    | 2    |                                   |         | 0                       |    |     |     |
| Bard Col.                       | 4                            | 2           | 3    | 1    |                                   |         | 2                       |    |     |     |
| Barnard Col.                    | 3                            | 3           | 4    | 2    |                                   |         | 3                       |    |     |     |
| **Brooklyn Col.                 | 5                            | 5           | 2    | 2    | 30                                | 9       | 1                       | 2  | 0   | 2   |
| C.W. Post Col.                  | 3                            | 2           | 4    | 2    |                                   |         | 1                       |    |     |     |
| Canisius Col.                   | 2                            | 3           | 3    | 1    |                                   |         | 1                       |    |     |     |
| **City Col. of CUNY             | 7                            | 7           | 7    | 5    | 67                                | 16      | 2                       | 1  | 1   | 10  |
| **Clarkson Col. of Tech.        | 22                           | 15          | 18   | 10   | 20                                | 5       | 9                       | 6  | 0   | 4   |
| Colgate U.                      | 10                           | 25          | 21   | 10   |                                   |         | 16                      |    |     |     |
| **Columbia U.                   | 35                           | 35          | 23   | 28   | 120                               | 22      | 25                      | 15 | 1   | 15  |
| **Cornell U. (Physics)          | (40)                         | (35)        | 27   | 40   | 175                               | 46      | 25                      | 24 | 2   | 25  |
| **Cornell U. (Applied)          | -                            | -           | 37   | 37   | 76                                | 23      | 25                      | 17 | 5   | 9   |
| Fordham U.                      | 0                            | 0           | 5    | 5    |                                   |         | 5                       |    |     |     |
| Hamilton Col.                   | 5                            | 5           | 3    | 6    |                                   |         | 5                       |    |     |     |
| Hartwick Col.                   | 3                            | 1           | 2    | 2    |                                   |         | 4                       |    |     |     |
| Herbert Lehman Col.             | 6                            | 5           | 6    | 1    |                                   |         | 2                       |    |     |     |

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| Institution                 | Undergraduate |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS | TMS | PhD |
|-----------------------------|---------------|-----------------|------|------|--------------------------------------------|------------|-------|----|-----|-----|
|                             | Fresh-<br>men | Sopho-<br>mores | Jr's | Sr's |                                            |            |       |    |     |     |
| NEW YORK (cont'd)           |               |                 |      |      |                                            |            |       |    |     |     |
| Hobart & Wm. Smith Cols.    | 4             | 2               | 2    | 2    |                                            |            | 4     |    |     |     |
| Hofstra U.                  | 2             | 3               | 2    | 1    |                                            |            | 2     |    |     |     |
| Houghton Col.               | 4             | 3               | 2    | 1    |                                            |            | 5     |    |     |     |
| *Hunter Col.of the CUNY     | 3             | 3               | 4    | 4    | 11                                         | 0          | 2     |    | 2   |     |
| Iona Col.                   | 8             | 3               | 8    | 1    |                                            |            | 5     |    |     |     |
| Ithaca Col.                 | 15            | 14              | 4    | 3    |                                            |            | 2     |    |     |     |
| Le Moyne Col.               | 7             | 5               | 2    | 1    |                                            |            | 0     |    |     |     |
| Manhattan Col.              | 1             | 3               | 5    | 5    |                                            |            | 2     |    |     |     |
| NY Institute of Tech.       | 3             | 3               | 4    | 3    |                                            |            | 5     |    |     |     |
| **NYU                       | 10            | 12              | 13   | 11   | 98                                         | 22         | 7     | 14 | -   | 3   |
| **Polytechnic Inst.of NY    | 6             | 3               | 1    | 2    | 26                                         | 6          | 3     | 4  | 1   | 3   |
| **Queens Col. of the CUNY   | 6             | 7               | 3    | 6    | 19                                         | 8          | 7     | 1  | 1   | 3   |
| **Rensselaer Polytech.Inst. | 105           | 56              | 64   | 41   | 76                                         | 27         | 45    | 2  | 8   | 3   |
| Roberts Wesleyan Col.       | 3             | 5               | 2    | 1    |                                            |            | 2     |    |     |     |
| Rochester Inst. of Tech.    | 23            | 21              | 14   | 10   |                                            |            | 5     |    |     |     |
| **Rochester - U. of         | 30            | 25              | 9    | 13   | 89                                         | 20         | 14    | 14 | 2   | 7   |
| 1**Rockefeller U.           | -             | -               | -    | -    | 8                                          | 2          | -     | -  | -   | 0   |
| *St. Bonaventure U.         | 6             | 6               | 3    | 2    | 3                                          | 1          | 3     | -  | 0   |     |
| St. John Fisher Col.        | 5             | 3               | 2    | 1    |                                            |            | 4     |    |     |     |
| St. John's U.               | 2             | 3               | 5    | 5    |                                            |            | 3     |    |     |     |
| St. Lawrence U.             | 5             | 5               | 4    | 2    |                                            |            | 9     |    |     |     |
| Siena Col.                  | 14            | 5               | 3    | 5    |                                            |            | 2     |    |     |     |
| **SUNY-Albany               | 20            | 20              | 13   | 15   | 61                                         | 27         | 22    | 3  | 3   | 10  |
| **SUNY-Binghamton           | 50            | 31              | 24   | 19   | 25                                         | 11         | 12    | 1  | 3   | 1   |
| **SUNY-Buffalo              | 10            | 6               | 1    | 5    | 59                                         | 11         | 2     | 2  | -   | 1   |
| **SUNY-Stony Brook          | 50            | 50              | 35   | 25   | 131                                        | 28         | 22    | 7  | 2   | 17  |
| SUNY Col.-Brockport         | 13            | 8               | 13   | 10   |                                            |            | 7     |    |     |     |
| SUNY Col.-Buffalo           | 14            | 11              | 9    | 3    |                                            |            | 3     |    |     |     |
| SUNY Col.-Cortland          | 42            | 48              | 32   | 22   |                                            |            | 12    |    |     |     |
| SUNY Col.-Fredonia          | 3             | 5               | 10   | 10   |                                            |            | 14    |    |     |     |
| SUNY Col.-Geneseo           | 15            | 10              | 7    | 6    |                                            |            | 9     |    |     |     |
| *SUNY Col.-New Paltz        | 15            | 10              | 15   | 10   | 7                                          | 5          | 6     | -  | 2   |     |
| SUNY Col.-Oneonta           | 14            | 18              | 15   | 16   |                                            |            | 12    |    |     |     |
| SUNY Col.-Oswego            | 20            | 30              | 6    | 6    |                                            |            | 6     |    |     |     |
| SUNY Col.-Plattsburgh       | 4             | 4               | 3    | 3    |                                            |            | 4     |    |     |     |
| SUNY Col.-Potsdam           | 30            | 30              | 26   | 7    |                                            |            | 10    |    |     |     |
| Staten Island-Col. of       | 1             | 0               | 1    | 1    |                                            |            | 0     |    |     |     |
| **Syracuse U.               | 6             | 4               | 6    | 4    | 57                                         | 13         | 5     | 1  | 2   | 2   |
| Union Col.                  | 6             | 6               | 6    | 4    |                                            |            | 6     |    |     |     |
| Utica Col.                  | 0             | 2               | 3    | 3    |                                            |            | 2     |    |     |     |
| Vassar Col.                 | 5             | 6               | 3    | 10   |                                            |            | 8     |    |     |     |
| Wagner Col.                 | 16            | 6               | 6    | 4    |                                            |            | 3     |    |     |     |
| Yeshiva U.                  | 2             | 2               | 2    | 2    |                                            |            | 2     |    |     |     |
| York Col. of the CUNY       | 10            | 6               | 5    | 2    |                                            |            | 2     |    |     |     |

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Undergraduate  
physics majors Graduate  
students  
f-time &  
p-time

| Institution                 | Fresh-<br>men | Sopho-<br>mores | Jr's | Sr's | Total | 1st<br>yr. | Bach. | MS | TMS | PhD |
|-----------------------------|---------------|-----------------|------|------|-------|------------|-------|----|-----|-----|
| <u>NORTH CAROLINA</u>       |               |                 |      |      |       |            |       |    |     |     |
| Appalachian State U.        | (12)          | (10)            | (10) | (10) |       |            | 11    |    |     |     |
| Davidson Col.               | 10            | 10              | 7    | 8    |       |            | 5     |    |     |     |
| **Duke U.                   | 25            | 21              | 19   | 13   | 49    | 12         | 11    | 5  | 1   | 7   |
| *East Carolina U.           | 51            | 49              | 6    | 21   | 8     | 4          | 0     | 2  | 1   |     |
| Elizabeth City State U.     | (3)           | (3)             | (2)  | (3)  |       |            | (1)   |    |     |     |
| Elon Col.                   | 2             | 2               | 1    | 2    |       |            | 2     |    |     |     |
| Guilford Col.               | 15            | 21              | 12   | 4    |       |            | 10    |    |     |     |
| NC A & T State U.           | (3)           | (3)             | (3)  | (2)  |       |            | (1)   |    |     |     |
| NC Central U.               | 18            | 10              | 5    | 0    |       |            | 1     |    |     |     |
| **NC State U.               | 19            | 18              | 19   | 12   | 52    | 13         | 12    | 1  | 4   | 7   |
| NC-U. of-Asheville          | 5             | 5               | 5    | 10   |       |            | 4     |    |     |     |
| **NC-U. of-Chapel Hill      | 29            | 26              | 19   | 19   | 61    | 13         | 22    | 0  | 3   | 4   |
| NC-U. of-Charlotte          | (10)          | (8)             | (7)  | (7)  |       |            | (4)   |    |     |     |
| *NC-U. of-Greensboro        | 10            | 5               | 6    | 10   | 3     | 1          | 8     | 0  | 4   |     |
| NC-U. of-Wilmington         | 10            | 10              | 9    | 5    |       |            | 7     |    |     |     |
| Pfeiffer Col.               | 0             | 1               | 0    | 0    |       |            | 0     |    |     |     |
| *Wake Forest U.             | 40            | 25              | 16   | 10   | 5     | 2          | 10    | 0  | 3   |     |
| Warren Wilson Col.          | 11            | 5               | 1    | 5    |       |            | 5     |    |     |     |
| Western Carolina U.         | 2             | 4               | 7    | 5    |       |            | 3     |    |     |     |
| <u>NORTH DAKOTA</u>         |               |                 |      |      |       |            |       |    |     |     |
| Minot State Col.            | 2             | 1               | 0    | 1    |       |            | 2     |    |     |     |
| **ND State U.               | 5             | 4               | 7    | 5    | 8     | 3          | 0     |    | 0   | 0   |
| **ND-U. of                  | 5             | 6               | 2    | 6    | 7     | 2          | 2     | 0  | 0   | 0   |
| <u>OHIO</u>                 |               |                 |      |      |       |            |       |    |     |     |
| 1**Air Force Inst. of Tech. | -             | -               | -    | -    | 89    | 42         | -     | 1  | 26  | 2   |
| *Akron-U. of                | 8             | 8               | 15   | 10   | 26    | 6          | 4     | 0  | 5   |     |
| Antioch Col.                | 2             | 2               | 2    | 1    |       |            | 0     |    |     |     |
| Ashland Col.                | 0             | 1               | 0    | 0    |       |            | 0     |    |     |     |
| Baldwin-Wallace Col.        | 1             | 1               | 2    | 2    |       |            | 1     |    |     |     |
| *Bowling Green State U.     | 4             | 6               | 7    | 12   | 10    | 5          | 3     | 0  | 5   |     |
| Capital U.                  | 0             | 0               | 0    | 0    |       |            | 1     |    |     |     |
| **Case Western Reserve U.   | 25            | 20              | 1    | 15   | 42    | 10         | 11    | 2  | 5   | 2   |
| **Cincinnati-U. of          | 10            | 10              | 10   | 12   | 57    | 14         | 10    | 4  | 3   | 4   |
| *Cleveland State U.         | 15            | 15              | 12   | 3    | 20    | 12         | 5     | 0  | 0   |     |
| *Dayton-U. of               | 9             | 10              | 7    | 8    | 0     | 0          | 4     | 0  | 0   |     |
| Denison U.                  | 3             | 6               | 9    | 9    |       |            | 7     |    |     |     |
| Heidelberg Col.             | 2             | 2               | 3    | 2    |       |            | 1     |    |     |     |
| Hiram Col.                  | 5             | 3               | 1    | 3    |       |            | 4     |    |     |     |
| *John Carroll U.            | 20            | 15              | 9    | 4    | 6     | 2          | 11    | 1  | 0   |     |
| **Kent State U.             | 18            | 20              | 16   | 10   | 52    | 13         | 15    | 10 | 2   | 5   |
| Kenyon Col.                 | 17            | 10              | 13   | 8    |       |            | 10    |    |     |     |
| *Miami U.                   | 52            | 47              | 27   | 29   | 10    | 2          | 30    | 2  | 4   |     |
| Mount Union Col.            | 10            | 6               | 3    | 3    |       |            | 3     |    |     |     |

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| Institution              | Undergraduate |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS | TMS | PhD |
|--------------------------|---------------|-----------------|------|------|--------------------------------------------|------------|-------|----|-----|-----|
|                          | Fresh-<br>men | Sopho-<br>mores | Jr's | Sr's |                                            |            |       |    |     |     |
| <u>OHIO (cont'd)</u>     |               |                 |      |      |                                            |            |       |    |     |     |
| Oberlin Col.             | 15            | 15              | 10   | 15   |                                            |            | 15    |    |     |     |
| OH Northern U.           | (0)           | (0)             | (0)  | (0)  |                                            |            | (1)   |    |     |     |
| **OH State U.            | (30)          | (25)            | 25   | 27   | 138                                        | 37         | 16    | 21 | 5   | 17  |
| **OH U.                  | 8             | 8               | 11   | 5    | 53                                         | 11         | 14    | 6  | 1   | 2   |
| OH Wesleyan U.           | 10            | 10              | 9    | 6    |                                            |            | 4     |    |     |     |
| Otterbein Col.           | 3             | 2               | 0    | 2    |                                            |            | 0     |    |     |     |
| **Toledo-U. of           | 31            | 11              | 5    | 9    | 24                                         | 9          | 3     | 1  | 3   | 0   |
| Wittenberg U.            | 10            | 6               | 5    | 4    |                                            |            | 6     |    |     |     |
| Wooster- The Col. of     | 10            | 7               | 4    | 4    |                                            |            | 2     |    |     |     |
| *Wright State U.         | 10            | 7               | 3    | 11   | 12                                         | 4          | 4     | 0  | 1   |     |
| Xavier U.                | 14            | 10              | 12   | 7    |                                            |            | 5     |    |     |     |
| Youngstown State U.      | 10            | 10              | 2    | 1    |                                            |            | 2     |    |     |     |
| <u>OKLAHOMA</u>          |               |                 |      |      |                                            |            |       |    |     |     |
| Bethany Nazarene Col.    | (3)           | (3)             | (2)  | (1)  |                                            |            | 2     |    |     |     |
| Cameron U.               | 4             | 4               | 4    | 1    |                                            |            | 4     |    |     |     |
| *Central State U.        | 2             | 7               | 8    | 10   | 20                                         | 7          | 12    | 0  | 8   |     |
| East Central OK State U. | (2)           | (2)             | (2)  | (3)  |                                            |            | (2)   |    |     |     |
| Northeastern OK State U. | 10            | 20              | 13   | 10   |                                            |            | 6     |    |     |     |
| Northwestern OK State U. | 0             | 0               | 0    | 0    |                                            |            | 0     |    |     |     |
| OK City U.               | 1             | 3               | 3    | 8    |                                            |            | 8     |    |     |     |
| **OK State U.            | 7             | 12              | 12   | 20   | 30                                         | 5          | 10    | 4  | 1   | 2   |
| **OK-U. of               | 9             | 3               | 9    | 17   | 60                                         | 8          | 5     | 0  | 0   | 3   |
| Phillips U.              | (2)           | (3)             | (2)  | (2)  |                                            |            | (2)   |    |     |     |
| Southeastern OK State U. | 0             | 0               | 5    | 5    |                                            |            | 2     |    |     |     |
| Southwestern OK State U. | (15)          | (15)            | (12) | (8)  |                                            |            | (5)   |    |     |     |
| Tulsa-U. of              | 5             | 5               | 5    | 4    |                                            |            | 0     |    |     |     |
| <u>OREGON</u>            |               |                 |      |      |                                            |            |       |    |     |     |
|                          |               |                 |      |      |                                            |            | /     |    |     |     |
| Eastern OR State Col.    | 4             | 8               | 6    | 9    |                                            |            | 1     |    |     |     |
| Lewis & Clark Col.       | 8             | 5               | 4    | 4    |                                            |            | 3     |    |     |     |
| Linfield Col.            | (2)           | (3)             | (1)  | (1)  |                                            |            | (2)   |    |     |     |
| 1**OR Graduate Center    | -             | -               | -    | -    | 22                                         | 9          | -     | 0  | 0   | 2   |
| **OR State U.            | 23            | 14              | 13   | 9    | 43                                         | 20         | 10    | 2  | 1   | 2   |
| **OR-U. of               | 11            | 11              | 20   | 18   | 106                                        | 30         | 16    | 6  | 4   | 4   |
| Pacific U.               | 4             | 3               | 4    | 3    |                                            |            | 2     |    |     |     |
| **Portland State U.      | 5             | 4               | 7    | 3    | 13                                         | 5          | 8     | 0  | 2   | 0   |
| Portland-U. of           | 4             | 2               | 2    | 0    |                                            |            | 1     |    |     |     |
| Reed Col.                | 30            | 30              | 19   | 26   |                                            |            | 24    |    |     |     |
| Southern OR State U.     | 4             | 4               | 6    | 6    |                                            |            | 7     |    |     |     |
| Willamette U.            | (10)          | (8)             | (7)  | (6)  |                                            |            | (6)   |    |     |     |
| <u>PENNSYLVANIA</u>      |               |                 |      |      |                                            |            |       |    |     |     |
| Albright Col.            | 0             | 1               | 4    | 2    |                                            |            | 4     |    |     |     |
| Allegheny Col.           | (8)           | (8)             | 8    | 7    |                                            |            | 4     |    |     |     |

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| Institution                | Undergraduate physics majors |                 |      |      | Graduate students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS | TMS | PhD |
|----------------------------|------------------------------|-----------------|------|------|-----------------------------------------|------------|-------|----|-----|-----|
|                            | Fresh-<br>men                | Sopho-<br>mores | Jr's | Sr's |                                         |            |       |    |     |     |
| PENNSYLVANIA (cont'd)      |                              |                 |      |      |                                         |            |       |    |     |     |
| Bloomsburg State Col.      | 7                            | 3               | 2    | 4    |                                         |            | 2     |    |     |     |
| **Bryn Mawr Col.           | 10                           | 9               | 5    | 6    | 6                                       | 3          | 9     | -  | -   | 1   |
| Bucknell U.                | 10                           | 7               | 4    | 8    |                                         |            | 5     |    |     |     |
| CA State Col.of PA         | (2)                          | (2)             | (2)  | (1)  |                                         |            | (1)   |    |     |     |
| **Carnegie-Mellon U.       | 40                           | 22              | 22   | 25   | 65                                      | 15         | 20    | 12 | 2   | 4   |
| Clarion State Col.         | 5                            | 11              | 9    | 3    |                                         |            | 6     |    |     |     |
| Dickinson Col.             | 5                            | 5               | 6    | 4    |                                         |            | 13    |    |     |     |
| **Drexel U.                | 20                           | 18              | 15   | 11   | 44                                      | 12         | 12    | 4  | 4   | 0   |
| Duquesne U.                | 5                            | 3               | 4    | 2    |                                         |            | 4     |    |     |     |
| East Stroudsburg State Col | (4)                          | (4)             | (3)  | (3)  |                                         |            | (2)   |    |     |     |
| Edinboro U. of PA          | 5                            | 8               | 9    | 1    |                                         |            | 5     |    |     |     |
| Elizabethtown Col.         | (1)                          | (1)             | (2)  | (0)  |                                         |            | 3     |    |     |     |
| Franklin & Marshall Col.   | 15                           | 15              | 16   | 16   |                                         |            | 15    |    |     |     |
| Gannon U.                  | 1                            | 1               | 1    | 4    |                                         |            | 5     |    |     |     |
| Geneva Col.                | 2                            | 0               | 0    | 1    |                                         |            | 1     |    |     |     |
| Gettysburg Col.            | 5                            | 6               | 6    | 6    |                                         |            | 9     |    |     |     |
| Grove City Col.            | 4                            | 3               | 7    | 2    |                                         |            | 6     |    |     |     |
| Haverford Col.             | 10                           | 10              | 8    | 15   |                                         |            | 7     |    |     |     |
| IN U. of PA                | 6                            | 12              | 15   | 7    |                                         |            | 7     |    |     |     |
| Juniata Col.               | 0                            | 5               | 1    | 4    |                                         |            | 3     |    |     |     |
| King's Col.                | 2                            | 1               | 0    | 1    |                                         |            | 0     |    |     |     |
| Kutztown State Col.        | (12)                         | (12)            | (0)  | (0)  |                                         |            | (1)   |    |     |     |
| Lafayette Col.             | 6                            | 2               | 5    | 2    |                                         |            | 1     |    |     |     |
| La Salle Col.              | (4)                          | (4)             | (2)  | (3)  |                                         |            | (3)   |    |     |     |
| Lebanon Valley Col.        | 7                            | 7               | 3    | 4    |                                         |            | 9     |    |     |     |
| **Lehigh U.                | 15                           | 11              | 12   | 12   | 33                                      | 4          | 8     | 5  | -   | 4   |
| Lincoln U.                 | 2                            | 3               | 2    | 2    |                                         |            | 5     |    |     |     |
| Lock Haven State Col.      | 2                            | 3               | 0    | 2    |                                         |            | 0     |    |     |     |
| Lycoming Col.              | 8                            | 8               | 4    | 9    |                                         |            | 2     |    |     |     |
| Mansfield U.               | 3                            | 3               | 3    | 3    |                                         |            | 3     |    |     |     |
| Millersville U.            | 52                           | 29              | 13   | 8    |                                         |            | 10    |    |     |     |
| Moravian Col.              | 20                           | 15              | 5    | 7    |                                         |            | 3     |    |     |     |
| Muhlenberg Col.            | 5                            | 5               | 4    | 6    |                                         |            | 8     |    |     |     |
| **PA State U.              | 29                           | 25              | 26   | 25   | 100                                     | 25         | 11    | 2  | 3   | 6   |
| **PA - U. of               | 0                            | 2               | 6    | 15   | 108                                     | 24         | 9     | 2  | 4   | 9   |
| **Pittsburgh - U.of        | 20                           | 18              | 17   | 11   | 98                                      | 28         | 11    | 14 | 2   | 6   |
| St. Joseph's U.            | 7                            | 5               | 7    | 5    |                                         |            | 5     |    |     |     |
| St. Vincent Col.           | 1                            | 1               | 2    | 2    |                                         |            | 0     |    |     |     |
| *Scranton - U.of           | 2                            | 2               | 2    | 2    | 6                                       | 0          | 0     | 0  | 1   |     |
| Shippensburg U.            | 7                            | 2               | 2    | 5    |                                         |            | 6     |    |     |     |
| Slippery Rock U.           | 2                            | 3               | 11   | 0    |                                         |            | 5     |    |     |     |
| Susquehanna U.             | 6                            | 3               | 2    | 1    |                                         |            | 3     |    |     |     |
| Swarthmore Col.            | 15                           | 17              | 13   | 11   |                                         |            | 11    |    |     |     |
| **Temple U.                | 20                           | 12              | 21   | 6    | 39                                      | 9          | 6     | 0  | 5   | 16  |
| Thiel Col.                 | 4                            | 3               | 2    | 1    |                                         |            | 1     |    |     |     |
| Urstinus Col.              | 3                            | 6               | 9    | 8    |                                         |            | 8     |    |     |     |

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|------------------------------|---------------|-----------------|------|------|--------------------------------------------|------------|-------|----|-----|-----|
|                              | Fresh-<br>men | Sopho-<br>mores | Jr's | Sr's |                                            |            |       |    |     |     |
| <u>PENNSYLVANIA (cont'd)</u> |               |                 |      |      |                                            |            |       |    |     |     |
| Villanova U.                 | 11            | 2               | 7    | 5    |                                            |            | 6     |    |     |     |
| Washington & Jefferson Col   | 2             | 2               | 3    | 4    |                                            |            | 3     |    |     |     |
| West Chester U.              | 35            | 20              | 12   | 4    |                                            |            | 4     |    |     |     |
| Westminster Col.             | 8             | 12              | 3    | 1    |                                            |            | 3     |    |     |     |
| Widener U.                   | (2)           | (2)             | (2)  | (3)  |                                            |            | (0)   |    |     |     |
| *Wilkes Col.                 | 5             | 1               | 4    | 1    | 0                                          | 0          | 2     | 1  |     |     |
| <u>RHODE ISLAND</u>          |               |                 |      |      |                                            |            |       |    |     |     |
| **Brown U.                   | 49            | 12              | 11   | 10   | 108                                        | 18         | 10    | 21 | 3   | 6   |
| Providence Col.              | 2             | 1               | 2    | 2    |                                            |            | 2     |    |     |     |
| **RI-U. of                   | 10            | 10              | 11   | 14   | 22                                         | 6          | 6     | 2  | 0   | 0   |
| <u>SOUTH CAROLINA</u>        |               |                 |      |      |                                            |            |       |    |     |     |
| Bapist Col. at Charleston    | (2)           | (2)             | (1)  | (1)  |                                            |            | (0)   |    |     |     |
| Benedict Col.                | 30            | 20              | 7    | 5    |                                            |            | 3     |    |     |     |
| Bob Jones U.                 | 30            | 6               | 7    | 3    |                                            |            | 7     |    |     |     |
| Charleston-Col. of           | 8             | 12              | 8    | 6    |                                            |            | 10    |    |     |     |
| Citadel, The                 | 6             | 6               | 5    | 2    |                                            |            | 8     |    |     |     |
| **Clemson U.                 | 8             | 10              | 3    | 3    | 20                                         | 6          | 4     | 0  | 3   | 3   |
| Converse Col.                | 0             | 0               | 0    | 0    |                                            |            | 0     |    |     |     |
| Erskine Col.                 | 4             | 3               | 1    | 0    |                                            |            | 1     |    |     |     |
| Furman U.                    | 3             | 3               | 3    | 0    |                                            |            | 2     |    |     |     |
| Presbyterian Col.            | 8             | 10              | 3    | 2    |                                            |            | 5     |    |     |     |
| **SC-U. of                   | 8             | 10              | 8    | 4    | 30                                         | 7          | 6     | 2  | 2   | 1   |
| Wofford Col.                 | 3             | 1               | 2    | 4    |                                            |            | 0     |    |     |     |
| <u>SOUTH DAKOTA</u>          |               |                 |      |      |                                            |            |       |    |     |     |
| Augustana Col.               | 16            | 11              | 4    | 3    |                                            |            | 5     |    |     |     |
| *SD School of Mines & Tech.  | 7             | 4               | 7    | 5    | 6                                          | 1          | 2     | 0  | 1   | 0   |
| *SD State U.                 | 11            | 16              | 13   | 18   | 2                                          | 1          | 7     | 2  | 0   |     |
| SD-U. of                     | (2)           | (4)             | (2)  | (0)  |                                            |            | (0)   |    |     |     |
| <u>TENNESSEE</u>             |               |                 |      |      |                                            |            |       |    |     |     |
| Austin Peay State U.         | 2             | 2               | 3    | 1    |                                            |            | 2     |    |     |     |
| Belmont Col.                 | 5             | 3               | 3    | 4    |                                            |            | 1     |    |     |     |
| Carson-Newman Col.           | 4             | 2               | 3    | 0    |                                            |            | 2     |    |     |     |
| Christian Brothers Col.      | 2             | 4               | 2    | 2    |                                            |            | 1     |    |     |     |
| David Lipscomb Col.          | 3             | 3               | 2    | 0    |                                            |            | 3     |    |     |     |
| East TN State U.             | 3             | 3               | 3    | 4    |                                            |            | 3     |    |     |     |
| *Fisk U.                     | 12            | 4               | 8    | 4    | 2                                          | 1          | 3     | 0  | 1   |     |
| King Col.                    | 0             | 4               | 3    | 1    |                                            |            | 1     |    |     |     |
| *Memphis State U.            | 10            | 10              | 2    | 3    | 6                                          | 3          | 4     | 0  | 1   |     |
| Middle TN State U.           | 1             | 3               | 2    | 2    |                                            |            | 2     |    |     |     |
| South-U. of the              | 5             | 5               | 4    | 5    |                                            |            | 3     |    |     |     |
| Southern Missionary Col.     | 2             | 5               | 2    | 0    |                                            |            | 0     |    |     |     |

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| Institution                | Undergraduate<br>physics majors |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS | TMS | PhD |
|----------------------------|---------------------------------|-----------------|------|------|--------------------------------------------|------------|-------|----|-----|-----|
|                            | Fresh-<br>men                   | Sopho-<br>mores | Jr's | Sr's |                                            |            |       |    |     |     |
| TENNESSEE (cont'd)         |                                 |                 |      |      |                                            |            |       |    |     |     |
| Southwestern at Memphis    | 5                               | 5               | 5    | 4    |                                            |            | 3     |    |     |     |
| TN State U.                | (2)                             | (2)             | (2)  | (2)  |                                            |            | (2)   |    |     |     |
| TN Tech. U.                | (3)                             | (3)             | (2)  | (4)  |                                            |            | (4)   |    |     |     |
| TN-U. of-Chattanooga       | 3                               | 10              | 10   | 2    |                                            |            | 6     |    |     |     |
| **TN-U. of-Knoxville       | 12                              | 9               | 7    | 16   | 45                                         | 4          | 17    | 0  | 3   | 6   |
| 1**TN-U. of-Space Inst.    | -                               | -               | -    | -    | 18                                         | 1          | -     | 0  | 1   | 0   |
| **Vanderbilt U.            | 15                              | 10              | 7    | 8    | 27                                         | 7          | 7     | 2  | 0   | 2   |
| TEXAS                      |                                 |                 |      |      |                                            |            |       |    |     |     |
| Abilene Christian U.       | 10                              | 10              | 15   | 12   |                                            |            | 5     |    |     |     |
| Angelo State U.            | 17                              | 10              | 4    | 8    |                                            |            | 7     |    |     |     |
| Austin Col.                | 4                               | 4               | 1    | 2    |                                            |            | 4     |    |     |     |
| **Baylor U.                | 18                              | 15              | 6    | 11   | 8                                          | 1          | 10    | 1  | 2   | 0   |
| Dallas Baptist Col.        | 0                               | 0               | 0    | 0    |                                            |            | 0     |    |     |     |
| Dallas-U. of               | 12                              | 8               | 4    | 4    |                                            |            | 6     |    |     |     |
| *East TX State U.          | 11                              | 10              | 8    | 7    | 11                                         | 4          | 5     | 2  | 2   |     |
| Hardin-Simmons U.          | 2                               | 1               | 3    | 1    |                                            |            | 0     |    |     |     |
| Houston Baptist U.         | (4)                             | (4)             | (3)  | (3)  |                                            |            | (2)   |    |     |     |
| **Houston-U. of            | 25                              | 20              | 12   | (15) | 75                                         | 15         | 6     | 2  | 1   | 6   |
| Lamar U.                   | 4                               | 7               | 5    | 16   |                                            |            | 7     |    |     |     |
| McMurry Col.               | 2                               | 0               | 1    | 1    |                                            |            | 1     |    |     |     |
| Midwestern State U.        | (5)                             | (5)             | (4)  | (3)  |                                            |            | (4)   |    |     |     |
| **North TX State U.        | 15                              | 25              | 13   | 19   | 48                                         | 11         | 7     | 2  | 3   | 8   |
| Pan American U.            | 6                               | 6               | 4    | 5    |                                            |            | 2     |    |     |     |
| Prairie View A & M U.      | (1)                             | (1)             | (2)  | (0)  |                                            |            | (0)   |    |     |     |
| **Rice U.                  | 40                              | 30              | 25   | 19   | 49                                         | 9          | 13    | 7  | 2   | 3   |
| St. Mary's U.              | 1                               | 1               | 1    | 0    |                                            |            | 0     |    |     |     |
| *Sam Houston State U.      | 19                              | 21              | 14   | 13   | 10                                         | 9          | 20    | 1  | 1   |     |
| Southern Methodist U.      | 5                               | 2               | 4    | 4    |                                            |            | 3     | 0  | 1   |     |
| *Southwest TX State U.     | 14                              | 3               | 6    | 17   | 6                                          | 2          | 4     | 2  | 1   |     |
| Southwestern U.            | 5                               | 2               | 0    | 0    |                                            |            | 0     |    |     |     |
| *Stephen F. Austin State U | 10                              | 7               | 10   | 5    | 5                                          | 2          | 6     | 0  | 2   |     |
| Tarleton State U.          | (1)                             | (1)             | (1)  | (0)  |                                            |            | (0)   |    |     |     |
| TX A & I U.                | 5                               | 3               | 4    | 1    |                                            |            | 1     |    |     |     |
| **TX A & M U.              | 25                              | 25              | 30   | 29   | 65                                         | 26         | 13    | 0  | 5   | 1   |
| **TX Christian U.          | 5                               | 5               | 6    | 3    | 19                                         | 4          | 2     | 0  | 0   | 2   |
| TX Southern U.             | 10                              | 12              | 8    | 6    |                                            |            | 6     |    |     |     |
| **TX Tech. U.              | 18                              | 20              | 15   | 10   | 29                                         | 6          | 10    | 3  | 0   | 1   |
| *TX-U. of-Arlington        | 21                              | 15              | 19   | 23   | 26                                         | 8          | 7     | 0  | 4   |     |
| **TX-U. of-Austin          | 61                              | 55              | 36   | 26   | 280                                        | 52         | 29    | 1  | 7   | 15  |
| **TX-U. of-Dallas          | 0                               | 0               | 17   | 6    | 76                                         | 17         | 5     | 5  | 4   | 3   |
| *TX-U. of-El Paso          | 11                              | 7               | 4    | 5    | 21                                         | 9          | 7     | 1  | 5   |     |
| Trinity U.                 | 6                               | 3               | 2    | 2    |                                            |            | 2     |    |     |     |
| West TX State U.           | (3)                             | (2)             | (1)  | (0)  |                                            |            | (1)   |    |     |     |

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| Institution                      | Undergraduate |                 |           |           | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | 1982-83 PHYSICS DEGREES |    |     |     |
|----------------------------------|---------------|-----------------|-----------|-----------|--------------------------------------------|------------|-------------------------|----|-----|-----|
|                                  | Fresh-<br>men | Sopho-<br>mores | Jr's      | Sr's      |                                            |            | Bach.                   | MS | TMS | PhD |
| <u>UTAH</u>                      |               |                 |           |           |                                            |            |                         |    |     |     |
| **Brigham Young U.               | 29            | 29              | 37        | 39        | 16                                         | 14         | 17                      | 1  | -   | 7   |
| **UT State U.                    | 15            | 9               | 4         | 4         | 25                                         | 9          | 3                       | 1  | -   | 2   |
| **UT - U. of Weber St. Col.      | 26<br>(20)    | 22<br>(20)      | 24<br>(8) | 21<br>(6) | 76                                         | 21         | 15<br>(6)               | 2  | 14  | 3   |
| Westminster Col.                 | (1)           | (0)             | (0)       | (2)       |                                            |            | (1)                     |    |     |     |
| <u>VERMONT</u>                   |               |                 |           |           |                                            |            |                         |    |     |     |
| Marlboro Col.                    | 1             | 0               | 1         | 1         |                                            |            | 1                       |    |     |     |
| Middlebury Col.                  | 8             | 9               | 15        | 10        |                                            |            | 8                       |    |     |     |
| Norwich U.                       | 2             | 2               | 1         | 1         |                                            |            | 1                       |    |     |     |
| St. Michael Col.                 | 3             | 3               | 4         | 3         |                                            |            | 3                       |    |     |     |
| *VT - U. of                      | 23            | 29              | 17        | 14        | 11                                         | 2          | 8                       | 0  | 1   |     |
| <u>VIRGINIA</u>                  |               |                 |           |           |                                            |            |                         |    |     |     |
| Bridgewater Col.                 | (5)           | (5)             | (3)       | (3)       |                                            |            | 2                       |    |     |     |
| Emory & Henry Col.               | 3             | 2               | 2         | 2         |                                            |            | 2                       |    |     |     |
| *George Mason U.                 | 20            | 20              | 13        | 4         | 5                                          | 3          | 2                       | 0  | 0   |     |
| Hampden-Sydney Col.              | 2             | 2               | 2         | 0         |                                            |            | 2                       |    |     |     |
| *Hampton Institute               | 2             | 4               | 3         | 5         | 5                                          | 2          | 3                       | -  | 0   |     |
| James Madison U.                 | 18            | 12              | 13        | 4         |                                            |            | 6                       | 0  | 2   |     |
| Longwood Col.                    | 39            | 15              | 9         | 5         |                                            |            | 7                       |    |     |     |
| *Lynchburg Col.                  | 3             | 6               | 3         | 8         | 8                                          | 1          | 8                       | 1  | -   |     |
| Mary Washington Col.             | 10            | 2               | 22        | 5         |                                            |            | 4                       |    |     |     |
| Norfolk State Col.               | 8             | 6               | 4         | 3         |                                            |            | 2                       |    |     |     |
| **Old Dominion U.                | 6             | 10              | 7         | 6         | 15                                         | 8          | 7                       | 1  | 1   | 0   |
| Randolph-Macon Col.              | 2             | 2               | 1         | 4         |                                            |            | 4                       |    |     |     |
| Randolph-Macon Women's Col.      | 1             | 1               | 0         | 0         |                                            |            | 0                       |    |     |     |
| Richmond - U. of                 | 5             | 5               | 1         | 4         |                                            |            | 1                       |    |     |     |
| Roanoke Col.                     | 2             | 2               | 0         | 0         |                                            |            | 2                       |    |     |     |
| Sweet Briar Col.                 | 3             | 3               | 2         | 4         |                                            |            | 3                       |    |     |     |
| VA Commonwealth U.               | 23            | 14              | 6         | 7         |                                            |            | 7                       |    |     |     |
| VA Military Institute            | 12            | 8               | 9         | 7         |                                            |            | 6                       |    |     |     |
| **VA Polytech Institute          | 47            | 43              | 47        | 36        | 46                                         | 8          | 12                      | 4  | 3   | 1   |
| *VA State U.                     | 7             | 6               | 9         | 7         | 5                                          | 2          | 2                       | -  | 1   |     |
| **VA - U. of Washington & Lee U. | 60<br>18      | 40<br>16        | 30<br>16  | 24<br>10  | 74                                         | 18         | 24<br>12                | 0  | 1   | 9   |
| **William & Mary - Col. of       | 30            | 21              | 12        | 11        | 42                                         | 12         | 19                      | 3  | 2   | 7   |
| <u>WASHINGTON</u>                |               |                 |           |           |                                            |            |                         |    |     |     |
| Central WA U.                    | 8             | 15              | 10        | 4         |                                            |            | 4                       |    |     |     |
| Eastern WA U.                    | 10            | 10              | 6         | 3         |                                            |            | 6                       |    |     |     |
| Gonzaga U.                       | 1             | 0               | 2         | 1         |                                            |            | 0                       |    |     |     |
| Pacific Lutheran U.              | 5             | 5               | 2         | 3         |                                            |            | 2                       |    |     |     |
| Puget Sound - U. of              | (15)          | (15)            | (10)      | (7)       |                                            |            | (2)                     |    |     |     |
| Seattle Pacific U.               | 4             | 4               | 3         | 5         |                                            |            | 4                       |    |     |     |

1983-84  
PHYSICS ENROLLMENTS

1982-83  
PHYSICS DEGREES

| Institution                | Undergraduate<br>physics majors |                 |      |      | Graduate<br>students<br>f-time &<br>p-time | 1st<br>yr. | Bach. | MS | TMS | PhD |
|----------------------------|---------------------------------|-----------------|------|------|--------------------------------------------|------------|-------|----|-----|-----|
|                            | Fresh-<br>men                   | Sopho-<br>mores | Jr's | Sr's |                                            |            |       |    |     |     |
| <u>WASHINGTON (cont'd)</u> |                                 |                 |      |      |                                            |            |       |    |     |     |
| Seattle U.                 | (5)                             | (5)             | (4)  | (3)  |                                            |            | (3)   |    |     |     |
| Walla Walla Col.           | 5                               | 2               | 0    | 0    |                                            |            | 0     |    |     |     |
| **WA State U.              | 13                              | 5               | 7    | 13   | 32                                         | 14         | 9     | 3  | 2   | 0   |
| **WA-U. of                 | 35                              | 35              | 44   | 37   | 154                                        | 35         | 36    | 5  | 4   | 10  |
| Western WA U.              | 10                              | 15              | 15   | 8    |                                            |            | 3     |    |     |     |
| Whitman Col.               | 36                              | 36              | 29   | 6    |                                            |            | 18    |    |     |     |
| Whitworth Col.             | (4)                             | (3)             | (3)  | (3)  |                                            |            | (4)   |    |     |     |
| <u>WEST VIRGINIA</u>       |                                 |                 |      |      |                                            |            |       |    |     |     |
| Bethany Col.               | 3                               | 2               | 3    | 2    |                                            |            | 3     |    |     |     |
| Marshall U.                | (3)                             | (2)             | (2)  | (3)  |                                            |            | (3)   |    |     |     |
| WV Inst. of Tech.          | 2                               | 1               | 0    | 3    |                                            |            | 0     |    |     |     |
| **WV U.                    | 12                              | 8               | 5    | 4    | 35                                         | 5          | 0     | 0  | 3   | 2   |
| WV Wesleyan Col.           | 16                              | 12              | 8    | 7    |                                            |            | 6     |    |     |     |
| Wheeling Col.              | 2                               | 1               | 2    | 2    |                                            |            | 1     |    |     |     |
| <u>WISCONSIN</u>           |                                 |                 |      |      |                                            |            |       |    |     |     |
| Beloit Col.                | 7                               | 6               | 9    | 3    |                                            |            | 2     |    |     |     |
| Carroll Col.               | (5)                             | (3)             | (4)  | (4)  |                                            |            | (3)   |    |     |     |
| Carthage Col.              | 1                               | 0               | 0    | 0    |                                            |            | 1     |    |     |     |
| Lawrence U.                | 8                               | 7               | 5    | 7    |                                            |            | 5     |    |     |     |
| *Marquette U.              | 8                               | 3               | 3    | 5    | 14                                         | 4          | 2     | 6  | 0   |     |
| Northland Col.             | (2)                             | (1)             | (1)  | (2)  |                                            |            | (0)   |    |     |     |
| Ripon Col.                 | 12                              | 6               | 4    | 5    |                                            |            | 6     |    |     |     |
| WI-U. of-Eau Claire        | 17                              | 11              | 12   | 13   |                                            |            | 8     |    |     |     |
| *WI-U. of-Green Bay        | 6                               | 4               | 4    | 4    |                                            |            | 3     | 0  | 1   |     |
| WI-U. of-La Crosse         | (3)                             | (3)             | (3)  | (2)  |                                            |            | (1)   |    |     |     |
| **WI-U. of-Madison         | 15                              | 10              | 7    | 41   | 169                                        | 28         | 22    | 9  | 12  | 22  |
| **WI-U. of-Milwaukee       | 8                               | 8               | 6    | 6    | 37                                         | 8          | 3     | 0  | 5   | 6   |
| *WI-U. of-Oshkosh          | 9                               | 7               | 8    | 7    | 6                                          | 3          | 3     | 0  | 0   |     |
| WI-U. of-Parkside          | 5                               | 5               | 6    | 3    |                                            |            | 1     |    |     |     |
| WI-U. of-Platteville       | 0                               | 1               | 1    | 1    |                                            |            | 0     |    |     |     |
| WI-U. of-River Falls       | 10                              | 6               | 7    | 6    |                                            |            | 5     |    |     |     |
| WI-U. of-Stevens Point     | 18                              | 18              | 4    | 11   |                                            |            | 7     |    |     |     |
| WI-U. of-Superior          | 4                               | 4               | 7    | 4    |                                            |            | 7     |    |     |     |
| WI-U. of-Whitewater        | 5                               | 4               | 3    | 3    |                                            |            | 3     |    |     |     |
| <u>WYOMING</u>             |                                 |                 |      |      |                                            |            |       |    |     |     |
| **WY-U. of                 | 6                               | 18              | 9    | 5    | 31                                         | 10         | 5     | 0  | 2   | 3   |